

# EXHIBIT C

# Sr-89

## Shipment No. 1 to BDX

Dated: August 30, 2015

### Checklist for SPEC:

Item			Prepare?	Notes/Comments
1	PROJECTED SHIPMENT DATE BY SPEC	September 2-3, 2015		
2	CONSIGNEE	Beijing Deyan Xingye Co., Ltd. (BDX)		BDX's PRC Tax Identification Number: 110111752642129. BDX's PRC Customs Registration Number: 00723081.
3	DELIVERY ADDRESS	Beijing Deyan Xingye Co.; Ltd. (BDX) No.80 North Xiaozicaowu, Yancun Town, Fangshan District, 102412 Beijing, China  <u>DESTINATION AIRPORT:</u>  CPT, Shanghai Pudong International Airport (PVG) HOLD & NOTIFY 刘金彦 / Susan Liu 手机(Mob): [REDACTED]		
4	SHIPPING DOCUMENTS REQUIRED	1. Air Waybill, 2. Dangerous Goods Declaration 3. Packing List 4. Shipping Label 5. No Wood Declaration (Must accompany original AWB) 6. Product Specification Certificate 7. Commercial Invoice 8. Certificate of Origin from USA	Please prepare Please prepare ✓ email attachment ✓ email attachment ✓ email attachment ✓ email attachment ✓ email attachment Please prepare	Print & sign Print & attach Print & sign Print & sign Print & sign
5	SPECIAL SHIPPING INSTRUCTIONS			
6	CHINA CUSTOMS CLEARING	Customs clearing will be done BDX		
FOLLOWING DISPATCH, PLEASE SEND ASAP TO ISOFLEX USA, CLEAR AND LEGIBLE COPIES OF ALL SHIPPING DOCUMENTS IN PDF FORMAT				



## Commercial Invoice

<b>SELLER/SHIPPER (Name, Full Address, Country)</b> SPECMED Division, Source Production & Equipment Co., Inc. 113 Teal Street St. Rose, LA 70087, USA Tel: 504 464-9471 • Fax 504 467-76		<b>Invoice Date and Number</b> TBD	<b>Customer Order Number</b> TBD
		<b>Tracking ID/Air Waybill No.</b> TBD	
<b>CONSIGNEE (Name, Full Address, Country)</b> Beijing Deyan Xingye Co., Ltd. No.80 North Xiaozicaowu Yancun Town, Fangshan District 102412 Beijing, CHINA Tel: 86-10-60389303-8006 Fax: 86-10-6038918		<b>Buyer (if Other than Consignee)</b>	
<b>Port of Lading</b> Louis Armstrong New Orleans International Airport, USA (MSY)		<b>Terms and Conditions of Delivery and Payment (incoterms)</b> CPT, Shanghai Pudong International Airport (PVG)	
<b>Final Destination</b> Shanghai, CHINA	<b>Exporting Carrier</b> TBD		
<b>Other Transportation Information</b> TBD		<b>Currency of Sale</b> USD	
<b>Marks and Numbers</b> None	<b>Total Number of Packages</b> 1/1	<b>Total Gross Weight (kg)</b> TBD	<b>Cubic Meters</b> TBD
<b>Complete And Accurate Commodity Description And Country of Manufacture</b>		<b>Quantity/ Unit of Measure</b>	<b>Unit Price</b>
Strontium-89 (Sr-89) radioisotope; Form: liquid aqueous; research grade; HTS (USA): 2844.40.00.20; UN2915.		1000 millicurie (mCi)	\$74.63
These commodities, technology, or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to United States law is prohibited.  I declare all the information contained in this invoice to be true and correct.  <div style="display: flex; justify-content: space-between;"> <div> <b>Signature and Status of Authorized Person</b> </div> <div> <b>Date</b> </div> <div> <b>Place</b>          St. Rose, Louisiana          USA       </div> </div>		<b>Packing Costs</b> (Included)	
		<b>Freight Costs</b> (Included)	
		<b>Other Transportation Costs</b> (Included)	
		<b>Handling</b> (Included)	
		<b>Insurance Costs</b> (Included)	
		<b>Assists</b> (Included)	
		<b>Additional Fees</b> (Included)	
		<b>Duties and Taxes</b> (Not Included)	
Page 1 of 1		<b>Total Invoice Value For Customs Purposes</b> \$74,630.00	



**SPECMED DIVISION**  
Source Production & Equipment Co., Inc.  
113 Teal Street, St. Rose, LA 70087 USA  
T: 504.464.9471; F: 504.467.7685;  
E: info@spec150.com

## PACKING LIST

**CUSTOMER:**

Beijing Deyan Xingye Co., Ltd.  
No. 80 North Xiaozicaowu,  
Yancun Town, Fangshan District,  
102412 Beijing, CHINA

Tel: +81-480-37-1555

**OUR NUMBER:** Sr-89 - 150602-01

**DATE:** September 1, 2015

**CUSTOMER ORDER NO.:** 15-DY/JA-001

**CONTACT PERSON:** Nathan Gorbach, Shipping Mgr

**SHIPMENT VIA:** TBD

**SHIPMENT DATE:** June 3, 2015

### PRODUCT

**DESCRIPTION:** Radioisotope Strontium-89 in chloride solution in 0.05 M HCl

**SPECIFIC ACTIVITY:**  $\geq 0.55$  Ci/g

**LOT ACTIVITY:**  $\leq 1350$  mCi

**VOLUME:** 1.25 mL (5 vials x 0.25 mL)

### PACKING INFORMATION

Refer to attached

### SPECMED DIVISION

Source Production & Equipment Co., Inc.

September 1, 2015  
Date

Nathan Gorbach  
Shipping Manager



**Declaration of No Coniferous Wood Packing Material**

**To the Service of China Entry & Exit Inspection and Quarantine:**

"It is declared that this shipment of radioisotope Strontium-89 in chloride solution in 0.05 M HCl does not contain solid or coniferous wood packing materials."

**SPECMED Division,**  
SOURCE PRODUCTION & EQUIPMENT CO., INC.

Date: September\_\_\_\_, 2015

\_\_\_\_\_  
Nathan Gorbach,  
Shipping Manager



**SpecMed Division**

Source Production & Equipment Co., Inc.  
113 Teal Street, St. Rose, LA 70087 USA  
T: 504.464.9471; F: 504.467.7685;  
E: nathan@spec150.com

**Customer / Consignee:**

**Deliver To:**

Beijing Deyan Xingye Co., Ltd.  
No. 80 North Xiaozicaowu,  
Yancun Town, Fangshan District,  
102412 Beijing, CHINA

刘金鑫 (Susan Liu)  
电话 T: 86-10-60389903-8006  
传真 F: 86-10-60389180  
手机 M: 13641096361  
邮箱 E: deyan@beijingdeyan.com  
公司网页 W: www.beijingdeyan.com

**DESTINATION AIRPORT:**

Shanghai Pudong Intl Airport (PVG)  
Hold & Contact Consignee

**Contents:**

REF: Purchase Order No.: 15-DY/JA-001

<b>DESCRIPTION:</b>	Radioisotope Strontium-89 in chloride solution in 0.05 M HCl
<b>SPECIFIC ACTIVITY:</b>	$\geq 0.56 \text{ Ci/g}$
<b>LOT ACTIVITY</b>	$\leq 1350 \text{ mCi}$
<b>VOLUME:</b>	1.25 mL (5 vials x 0.25 mL) <i>Product of USA; Country of Export: USA</i>

**Packing:**

**Dimensions:** 37.5 cm (dia) x 40.65 cm (ht)  
**Gross Weight:** 9.10 kgs  
**Net Weight:** 0.25 kgs

**REFER to:**

**No Wood Declaration  
in Shipping Documents**

**Drum 1 of 1**

# Sr-89

## Shipment No. 2 to BDX

Dated: October 20, 2015

### Checklist for SPEC:

Item			Notes/Comments
1	EST. SHIPMENT FROM RUSSIA	Departing <u>Tuesday, October 20, 2015</u> : DME/IAH LH1445/20 + LH440/21   AWB 020-2945-7411 (see attached)	
2	EST. SHIPMENT BY SPEC	O/B Friday, October 23, 2015 <u>Please confirm actual departure by SMS, ASAP, to Richard McKannay:</u> [REDACTED]	
3	CONSIGNEE	<p>Beijing Deyan Xingye Co., Ltd. (BDX)  No.80 North Xiaozicaowu,  Yancun Town, Fangshan District,  102412 Beijing, China</p> <p><u>DESTINATION AIRPORT:</u></p> <p>CPT, Shanghai Pudong International Airport (PVG)  HOLD &amp; NOTIFY  刘金彦 / Susan Liu  手机(Mob): [REDACTED]</p>	<p>BDX's PRC Tax Identification Number: 110111752642129.  BDX's PRC Customs Registration Number: 00723081.</p>
5	SHIPPING DOCUMENTS CHECKLIST	<ol style="list-style-type: none"> <li>1. Air Waybill,</li> <li>2. Dangerous Goods Declaration</li> <li>3. Packing List (See, attached)</li> <li>4. Decay Graph (See IUSA's sample, attached)</li> <li>5. Shipping Label (<u>IUSA will prepare print &amp; send to SPEC</u>)</li> <li>6. No Wood Declaration (Must accompany original AWB)</li> <li>7. Certificates of Analysis covering four vials</li> <li>8. Commercial Invoice</li> <li>9. Certificate of Origin from USA</li> </ol>	<ul style="list-style-type: none"> <li><input type="checkbox"/> To be prepared by SPEC's forwarder</li> <li><input type="checkbox"/> Please prepare &amp; sign</li> <li><input type="checkbox"/> See attached; please modify if necessary, &amp; sign</li> <li><input type="checkbox"/> Please prepare similar, in SPEC's format</li> <li><input type="checkbox"/> Please affix to inner &amp; outer containers</li> <li><input type="checkbox"/> Please print &amp; sign</li> <li><input type="checkbox"/> See attached CofAs in single PDF</li> <li><input type="checkbox"/> See attached file; re-do as necessary</li> <li><input type="checkbox"/> Please prepare &amp; have signed by normal authority.</li> </ul>
6	CHINA CUSTOMS CLEARING	Customs clearing will be done BDX	
7	IUSA REQUEST	Following dispatch, please send clear and legible copies of all shipping documents, in PDF, to IUSA in PDF format.	



## Commercial Invoice

SELLER/SHIPPER (Name, Full Address, Country) SPECMED Division, Source Production & Equipment Co., Inc. 113 Teal Street St. Rose, LA 70087, USA Tel 504 484-8471 • Fax 504 487-76		Invoice Date and Number XXX	Customer Order Number TBD		
		Tracking ID/Air Waybill No. TBD			
CONSIGNEE (Name, Full Address, Country) Beijing Deyan Xingye Co., Ltd. No.80 North Xiaozicaowu Yancun Town, Fangshan District 102412 Beijing, CHINA Tel: 86-10-60389303-8006 Fax: 86-10-6038918		Buyer (if Other than Consignee)			
Port of Lading		Terms and Conditions of Delivery and Payment (Incoterms)  CPT, Shanghai Pudong International Airport (PVG)			
Final Destination Shanghai, CHINA	Exporting Carrier CA				
Other Transportation Information TBD		Currency of Sale USD			
Marks and Numbers None	Total Number of Packages 1/1	Total Gross Weight (kg) 12.4	Cubic Meters TBD		
Complete And Accurate Commodity Description And Country of Manufacture		Quantity/ Unit of Measure	Unit Price	Amount	
Strontium-89 (Sr-89) radioisotope; Form: liquid aqueous; research grade; HTS (USA): 2844.40.00.20; UN2915.		880 millicurie (mCi) As of 14 Oct 2015	\$74.63	\$65,674.40	
<p>These commodities, technology, or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to United States law is prohibited.</p> <p>I declare all the information contained in this invoice to be true and correct.</p> <p style="text-align: right;">TBD St. Rose, Louisiana USA</p> <p>Signature and Status of Authorized Person      Date      Place</p>		Packing Costs (Included)			
		Freight Costs (Included)			
		Other Transportation Costs (Included)			
		Handling (Included)			
		Insurance Costs (Included)			
		Assists (Included)			
		Additional Fees (Included)			
		Duties and Taxes (Not Included)			
		Total Invoice Value For Customs Purposes \$65,674.40			





**SPECMED DIVISION**  
Source Production & Equipment Co., Inc.  
113 Teal Street, St. Rose, LA 70087 USA  
T: 504.464.9471; F: 504.467.7685;  
E: info@spec150.com

## PACKING LIST

**CUSTOMER:**

Beijing Deyan Xingye Co., Ltd.  
No. 80 North Xiaozicaowu,  
Yancun Town, Fangshan District,  
102412 Beijing, CHINA

Tel: +81-480-37-1555

**OUR NUMBER:** Sr-89 - 151023-01

**DATE:** October 23, 2015

**CUSTOMER ORDER NO.:** 15-DY/JA-002

**CONTACT PERSON:** Nathan Gorbach, Shipping Mgr

**SHIPMENT VIA:** TBD

**SHIPMENT DATE:** October 23, 2015

### PRODUCT

**DESCRIPTION:** Radioisotope Strontium-89 in chloride solution in 0.05 M HCl

**SPECIFIC ACTIVITY:**  $\geq 0.74$  Ci/g

**LOT ACTIVITY:**  $\leq 880$  mCi

**VOLUME:** 15.20 mL (4 vials x 3.8 mL)

### PACKING INFORMATION

Refer to attached

### SPECMED DIVISION

Source Production & Equipment Co., Inc.

October , 2015  
Date

Nathan Gorbach  
Shipping Manager



**Declaration of No Coniferous Wood Packing Material**

**To the Service of China Entry & Exit Inspection and Quarantine:**

"It is declared that this shipment of radioisotope Strontium-89 in chloride solution in 0.05 M HCl does not contain solid or coniferous wood packing materials."

**SPECMED Division,**  
SOURCE PRODUCTION & EQUIPMENT CO., INC.

Date: October\_\_\_\_, 2015

\_\_\_\_\_  
Nathan Gorbach,  
Shipping Manager

# Sr-89

## Decay Graph

800 mCi Nominal Activity

880 mCi Actual Activity Shipped

Days After Stated Manufacture Date	Date	Decay Factor	Delivered Activity Per Certificate of Analysis (+110%)
0	14-Oct-15	1	880
1	15-Oct-15	0.986370956	868.006441
2	16-Oct-15	0.972927662	856.1763428
3	17-Oct-15	0.959667588	844.5074776
4	18-Oct-15	0.946588236	832.9976478
5	19-Oct-15	0.933687143	821.644686
6	20-Oct-15	0.920961880	810.4464542
7	21-Oct-15	0.908410050	799.4008436
8	22-Oct-15	0.896029289	788.5057741
9	23-Oct-15	0.883817266	777.7591940
10	24-Oct-15	0.871771681	767.1590795
11	25-Oct-15	0.859890266	756.7034345
12	26-Oct-15	0.848170784	746.3902899
13	27-Oct-15	0.836611027	736.2177036
14	28-Oct-15	0.825208818	726.1837599
15	29-Oct-15	0.813962011	716.2865693
16	30-Oct-15	0.802868486	706.5242679
17	31-Oct-15	0.791926156	696.8950174
18	1-Nov-15	0.781132960	687.3970044
19	2-Nov-15	0.770486864	678.0284402
20	3-Nov-15	0.759985864	668.7875605
21	4-Nov-15	0.749627983	659.6726253
22	5-Nov-15	0.739411270	650.6819179
23	6-Nov-15	0.729333801	641.8137452
24	7-Nov-15	0.719393679	633.0664373
25	8-Nov-15	0.70958903	624.4383468
26	9-Nov-15	0.69991801	615.9278489
27	10-Nov-15	0.690378797	607.533341
28	11-Nov-15	0.680969593	599.2532422
29	12-Nov-15	0.671688629	591.0859932
30	13-Nov-15	0.662534155	583.0300561

# Sr-89

## Shipment No. 3 to BDX

Dated: December 7, 2015

### Checklist for SPEC:

Item		Notes/Comments
1	EST. SHIPMENT FROM RUSSIA	Departing <u>Tuesday, October 20, 2015</u> ; DME/IAH LH1445/20 + LH440/21   AWB 020-2945-7411 (see attached)
2	EST. SHIPMENT BY SPEC	Outbound shipment scheduled on/about <u>Wednesday, December 9, 2015</u> . <i>Please confirm actual departure by SMS, ASAP, to Richard McKannay:</i> [REDACTED]
3	CONSIGNEE	<p>Beijing Deyan Xingye Co., Ltd. (BDX) No.80 North Xiaozicaowu, Yancun Town, Fangshan District, 102412 Beijing, China</p> <p><u>DESTINATION AIRPORT:</u>  CPT, Shanghai Pudong International Airport (PVG) HOLD &amp; NOTIFY 刘金彦 / Susan Liu 手机(Mob): [REDACTED]</p> <p>BDX's PRC Tax Identification Number: 110111752642129. BDX's PRC Customs Registration Number: 00723081.</p>
4	SHIPPING DOCUMENTS CHECKLIST	<p>1. Air Waybill, 2. Dangerous Goods Declaration 3. Packing List (See, attached) 4. Decay Graph (See IUSA's sample, attached) 5. Shipping Label (<u>IUSA will prepare print &amp; send to SPEC</u>) 6. No Wood Declaration (Must accompany original AWB) 7. Certificates of Analysis covering four vials 8. Commercial Invoice (in partially completed form-fill PDF) 9. Certificate of Origin from USA 10. Outside, additional label, "PRODUCT OF USA"</p> <p> <input type="checkbox"/> To be prepared by SPEC's forwarder.  <input type="checkbox"/> Please prepare &amp; sign.  <input type="checkbox"/> See attached MS.docx; please modify if necessary, &amp; sign.  <input type="checkbox"/> Please prepare similar, in SPEC's format.  <input type="checkbox"/> Please affix to inner &amp; outer containers  <input type="checkbox"/> Please print &amp; sign.  <input type="checkbox"/> See attached Specification for each vial in single PDF.  <input type="checkbox"/> See attached file in ; change form-fill PDF, as necessary  <input type="checkbox"/> Please prepare &amp; have signed by normal authority.  <input type="checkbox"/> Please print and attach to outside of shipping container. </p>
5	CHINA CUSTOMS CLEARING	Customs clearing will be done by BDX
6	IUSA REQUEST	Following dispatch, please send clear and legible copies of all shipping documents, in PDF, to IUSA in PDF format.



## Commercial Invoice

<b>SELLER/SHIPPER (Name, Full Address, Country)</b> SPECMED Division, Source Production & Equipment Co., Inc. 113 Teal Street St. Rose, LA 70087, USA Tel 504 464-9471 • Fax 504 467-78		<b>Invoice Date and Number</b> December, 7, 2015	<b>Customer Order Number</b> 15-DY/JA-001
		<b>Tracking ID/Air Waybill No.</b>	
<b>CONSIGNEE (Name, Full Address, Country)</b> Beijing Deyan Xingye Co., Ltd. No.80 North Xiaozicaowu Yancun Town, Fangshan District 102412 Beijing, CHINA Tel: 86-10-60389303-8006 Fax: 86-10-6038918		<b>Buyer (if Other than Consignee)</b>	
<b>Port of Lading</b> Louis Armstrong New Orleans International Airport, USA (MSY)		<b>Terms and Conditions of Delivery and Payment (incoterms)</b> CPT, Shanghai Pudong International Airport (PVG)	
<b>Final Destination</b> Shanghai, CHINA	<b>Exporting Carrier</b> FEDEX		
<b>Other Transportation Information</b> December 8, 2015		<b>Currency of Sale</b> USD	
<b>Marks and Numbers</b> None	<b>Total Number of Packages</b> 1/1	<b>Total Gross Weight (kg)</b> December, 7, 2015	<b>Cubic Meters</b> December, 7, 2015
<b>Complete And Accurate Commodity Description And Country of Manufacture</b>		<b>Quantity/ Unit of Measure</b>	<b>Unit Price</b>
Strontium-89 (Sr-89) radioisotope; Form: liquid aqueous; research grade; HTS (USA): 2844.40.00.20; UN2915. PRODUCT OF USA		800 millicurie (mCi)	\$78.23
Strontium-89 (Sr-89) radioisotope; Form: liquid aqueous; research grade; HTS (USA): 2844.40.00.20; UN2915. PRODUCT OF USA		800 millicurie (mCi)	\$62,584.00
These commodities, technology, or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to United States law is prohibited.  I declare all the information contained in this invoice to be true and correct.  <div style="display: flex; justify-content: space-between;"> <div>           Signature and Status of Authorized Person            Nathan Gorbach, Shipping Manager         </div> <div>           Date            December 8, 2015         </div> <div>           Place            St. Rose, Louisiana            USA         </div> </div>		<b>Packing Costs</b> (Included)	
		<b>Freight Costs</b> (Included)	
		<b>Other Transportation Costs</b> (Included)	
		<b>Handling</b> (Included)	
		<b>Insurance Costs</b> (Included)	
		<b>Assists</b> (Included)	
		<b>Additional Fees</b> (Included)	
		<b>Duties and Taxes</b> (Not Included)	
Page 1 of 1		<b>Total Invoice Value For Customs Purposes</b> \$62,584.00	



**SPECMED DIVISION**  
Source Production & Equipment Co., Inc.  
113 Teal Street, St. Rose, LA 70087 USA  
T: 504.464.9471; F: 504.467.7685;  
E: nathan@spec150.com

## PACKING LIST

**CUSTOMER:**

Beijing Deyan Xingye Co., Ltd.  
No. 80 North Xiaozicaowu,  
Yancun Town, Fangshan District,  
102412 Beijing, CHINA

Tel: +81-480-37-1555

**OUR NUMBER:** Sr-89 - 150602-01

**DATE:** December 8, 2015

**CUSTOMER ORDER NO.:** 15-DY/JA-001

**CONTACT PERSON:** Nathan Gorbach, Shipping Mgr

**SHIPMENT VIA:** FEDEX

**SHIPMENT DATE:** On/About December 9, 2015

### PRODUCT

**DESCRIPTION:** Radioisotope Strontium-89 in chloride solution in 0.05 M HCl  
UN Number 2915

**SPECIFIC ACTIVITY:**  $\geq 0.51$  Ci/g

**LOT ACTIVITY:**  $\leq 800$  mCi

**VOLUME:** 16.92 mL (consisting of 4 vials x 4.23 mL each)

**PACKING:** Type A

**SPECMED DIVISION**

Source Production & Equipment Co., Inc.

December 8, 2015

Date

Nathan Gorbach  
Shipping Manager



**Declaration of No Coniferous Wood Packing Material**

**To the Service of China Entry & Exit Inspection and Quarantine:**

"It is declared that this shipment of radioisotope Strontium-89 in chloride solution in 0.05 M HCl does not contain solid or coniferous wood packing materials."

**SPECMED Division,**  
SOURCE PRODUCTION & EQUIPMENT CO., INC.

Date: December\_\_\_\_, 2015

\_\_\_\_\_  
Nathan Gorbach,  
Shipping Manager

# Sr-89

## Calculated Decay Results


### Shipment No. 3


### 800 mCi Nominal Activity Purchased

Date	Days After Stated Manufacture Date		Nominal Purchased Activity - 800 mCi (100%)	Actual Activity Required to Achieve Nominal Activity 18 Days After Delivery	% of Nominal Activity Required to Achieve Nominal Activity 18 Days After Delivery
30-Nov-15	0	1.00000	800	1040	130%
01-Dec-15	1	0.98637	789.10	1025.83	128%
02-Dec-15	2	0.97293	778.34	1011.84	126%
03-Dec-15	3	0.95967	767.73	998.05	125%
04-Dec-15	4	0.94659	757.27	984.45	123%
05-Dec-15	5	0.93369	746.95	971.03	121%
06-Dec-15	6	0.92096	736.77	957.80	120%
07-Dec-15	7	0.90841	726.73	944.75	118%
08-Dec-15	8	0.89603	716.82	931.87	116%
09-Dec-15	9	0.88382	707.05	919.17	115%
10-Dec-15	10	0.87177	697.42	906.64	113%
11-Dec-15	11	0.85989	687.91	894.29	112%
12-Dec-15	12	0.84817	678.54	882.10	110%
13-Dec-15	13	0.83661	669.29	870.08	109%
14-Dec-15	14	0.82521	660.17	858.22	107%
15-Dec-15	15	0.81396	651.17	846.52	106%
16-Dec-15	16	0.80287	642.29	834.98	104%
17-Dec-15	17	0.79193	633.54	823.60	103%
18-Dec-15	18	0.78113	624.91	812.38	102%
19-Dec-15	19	0.77049	616.39	801.31	100%
20-Dec-15	20	0.75999	607.99	790.39	99%
21-Dec-15	21	0.74963	599.70	779.61	97%
22-Dec-15	22	0.73941	591.53	768.99	96%
23-Dec-15	23	0.72933	583.47	758.51	95%
24-Dec-15	24	0.71939	575.51	748.17	94%
25-Dec-15	25	0.70959	567.67	737.97	92%



## Sr-89 - Shipping Label (Shipment #3)

 <b>SpecMed Division</b> Source Production & Equipment Co., Inc. 113 Teal Street, St. Rose, LA 70087 USA T: 504.464.9471; F: 504.467.7685; E: nathan@spec150.com	<b>Customer / Consignee:</b>	
	<b>Deliver To:</b> Beijing Deyan Xingye Co., Ltd. No. 80 North Xiaozicaowu, Yancun Town, Fangshan District, 102412 Beijing, CHINA	刘金康 (Susan Liu) 电话 T: 86-10-60389303-8006 传真 F: 86-10-60389180 手机 M: 13541096361 邮箱 E: deyan@beijingdeyan.com 公司网页 W: www.beijingdeyan.com
<b>DESTINATION AIRPORT:</b>		Shanghai Pudong Intl Airport (PVG) <i>Hold &amp; Contact Consignee</i>
<b>Contents:</b>		<b>REF: Purchase Order No.: 15-DY/JA-001</b>
<b>DESCRIPTION:</b> Radioisotope Strontium-89 in chloride solution in 0.05 M HCl <b>SPECIFIC ACTIVITY:</b> $\geq 0.51$ Ci/g <b>LOT ACTIVITY:</b> $\leq 800$ mCi <b>VOLUME:</b> 16.92 mL (4 vials x 4.23 mL each)		<b>Product of USA;</b> <b>Country of Export: USA</b>
<b>Packing:</b>		
<b>Dimensions:</b> 37.5 cm (dia) x 40.65 cm (ht) <b>Gross Weight:</b> 13.0 kgs <b>Net Weight:</b> 0.25 kgs		<b>REFER to:</b> <b>No Wood Declaration</b> <b>in Shipping Documents</b> <b>Drum 1 of 1</b>

 <b>SpecMed Division</b> Source Production & Equipment Co., Inc. 113 Teal Street, St. Rose, LA 70087 USA T: 504.464.9471; F: 504.467.7685; E: nathan@spec150.com	<b>Customer / Consignee:</b>	
	<b>Deliver To:</b> Beijing Deyan Xingye Co., Ltd. No. 80 North Xiaozicaowu, Yancun Town, Fangshan District, 102412 Beijing, CHINA	刘金康 (Susan Liu) 电话 T: 86-10-60389303-8006 传真 F: 86-10-60389180 手机 M: 13541096361 邮箱 E: deyan@beijingdeyan.com 公司网页 W: www.beijingdeyan.com
<b>DESTINATION AIRPORT:</b>		Shanghai Pudong Intl Airport (PVG) <i>Hold &amp; Contact Consignee</i>
<b>Contents:</b>		<b>REF: Purchase Order No.: 15-DY/JA-001</b>
<b>DESCRIPTION:</b> Radioisotope Strontium-89 in chloride solution in 0.05 M HCl <b>SPECIFIC ACTIVITY:</b> $\geq 0.51$ Ci/g <b>LOT ACTIVITY:</b> $\leq 800$ mCi <b>VOLUME:</b> 16.92 mL (4 vials x 4.23 mL each)		<b>Product of USA;</b> <b>Country of Export: USA</b>
<b>Packing:</b>		
<b>Dimensions:</b> 37.5 cm (dia) x 40.65 cm (ht) <b>Gross Weight:</b> 13.0 kgs <b>Net Weight:</b> 0.25 kgs		<b>REFER to:</b> <b>No Wood Declaration</b> <b>in Shipping Documents</b> <b>Drum 1 of 1</b>

***Product of USA***

***Product of USA***

# Sr-89

## Shipment 4 to BDX

**Dated:** February 10, 2016

### Checklist for SPEC:

Item	Notes/Comments	
1	EST. SHIPMENT FROM RUSSIA	LH1445 of 09 Feb 2016 to FRA; and LH440/10 to IAH   AWB 020-4686-6315 (see attached)
2	EST. SHIPMENT BY SPEC	Outbound shipment scheduled on/about <u>Wednesday, December 9, 2015.</u> <u>Please confirm actual departure by SMS, ASAP, to Richard McKannay:</u> [REDACTED]
3	CONSIGNEE	<p>Beijing Deyan Xingye Co., Ltd. (BDX) No.80 North Xiaozicaowu, Yancun Town, Fangshan District, 102412 Beijing, China</p> <p><u>DESTINATION AIRPORT:</u></p> <p>CPT, Shanghai Pudong International Airport (PVG) HOLD &amp; NOTIFY 刘金彦 / Susan Liu 手机(Mob): [REDACTED]</p> <p>BDX's PRC Tax Identification Number: 110111752642129. BDX's PRC Customs Registration Number: 00723081.</p>
4	SHIPPING DOCUMENTS CHECKLIST	<p>1. Air Waybill, 2. Dangerous Goods Declaration 3. Packing List (See, attached) 4. Decay Graph (See IUSA's sample, attached) 5. Shipping Label (IUSA will prepare print &amp; send to SPEC) 6. No Wood Declaration (Must accompany original AWB) 7. Certificates of Analysis covering four vials 8. Commercial Invoice (in partially completed form-fill PDF) 9. Certificate of Origin from USA 10. Outside, additional label, "PRODUCT OF USA"</p> <p> <input type="checkbox"/> To be prepared by SPEC's forwarder.  <input type="checkbox"/> Please prepare &amp; sign.  <input type="checkbox"/> See attached MS.docx; please modify if necessary, &amp; sign.  <input type="checkbox"/> See attached.  <input type="checkbox"/> Please affix to inner &amp; outer containers  <input type="checkbox"/> Please print &amp; sign.  <input type="checkbox"/> See attached Specification for each vial in single PDF.  <input type="checkbox"/> See attached file; please sign  <input type="checkbox"/> Please prepare &amp; have signed by normal authority.  <input type="checkbox"/> Please print and attach to outside of shipping container. </p>
5	CHINA CUSTOMS CLEARING	Customs clearing will be done by BDX
6	IUSA REQUEST	Following dispatch, please send clear and legible copies of all shipping documents, in PDF, to IUSA in PDF format.

**SPECMED DIVISION**

Source Production & Equipment Co., Inc.  
113 Teal Street, St. Rose, LA 70087 USA  
T: 504.464.9471; F: 504.467.7685;  
E: nathan@spec150.com

## PACKING LIST

**CUSTOMER:**

Beijing Deyan Xingye Co., Ltd.  
No. 80 North Xiaozicaowu,  
Yancun Town, Fangshan District,  
102412 Beijing, CHINA

Tel: +81-480-37-1555

**OUR NUMBER:** Sr-89 - 150602-01

**DATE:** February 10, 2016

**CUSTOMER ORDER NO.:** 15-DY/JA-001

**CONTACT PERSON:** Nathan Gorbach, Shipping Mgr

**SHIPMENT VIA:** FEDEX

**SHIPMENT DATE:** On/About February 13, 2016

### PRODUCT

**DESCRIPTION:** Radioisotope Strontium-89 in chloride solution in 0.05 M HCl  
UN Number 2915

**SPECIFIC ACTIVITY:**  $\geq 0.56$  Ci/g

**LOT ACTIVITY:**  $\leq 670$  mCi

**VOLUME:** 12.4 mL (consisting of 4 vials x 3.1 mL each)

**PACKING:** Type A

**SPECMED DIVISION**

Source Production & Equipment Co., Inc.

February 10, 2016

Date

Nathan Gorbach  
Shipping Manager



# Sr-89

## Decay Graph

### Shipment 4

Assay Date	Days After Stated Manufacture Date		Remaining Activity - 1040 mCi (100%)
22-Jan-16	0	1.00000	1040
23-Jan-16	1	0.98637	1025.83
24-Jan-16	2	0.97293	1011.84
25-Jan-16	3	0.95967	998.05
26-Jan-16	4	0.94659	984.45
27-Jan-16	5	0.93369	971.03
28-Jan-16	6	0.92096	957.80
29-Jan-16	7	0.90841	944.75
30-Jan-16	8	0.89603	931.87
31-Jan-16	9	0.88382	919.17
01-Feb-16	10	0.87177	906.64
02-Feb-16	11	0.85989	894.29
03-Feb-16	12	0.84817	882.10
04-Feb-16	13	0.83661	870.08
05-Feb-16	14	0.82521	858.22
06-Feb-16	15	0.81396	846.52
07-Feb-16	16	0.80287	834.98
08-Feb-16	17	0.79193	823.60
09-Feb-16	18	0.78113	812.38
10-Feb-16	19	0.77049	801.31
11-Feb-16	20	0.75999	790.39
12-Feb-16	21	0.74963	779.61
13-Feb-16	22	0.73941	768.99
14-Feb-16	23	0.72933	758.51
15-Feb-16	24	0.71939	748.17
16-Feb-16	25	0.70959	737.97
17-Feb-16	26	0.69992	727.91
18-Feb-16	27	0.69038	717.99
19-Feb-16	28	0.68097	708.21
20-Feb-16	29	0.67169	698.56
21-Feb-16	30	0.66253	689.04
22-Feb-16	31	0.65350	679.64
23-Feb-16	32	0.64460	670.38
24-Feb-16	33	0.63581	661.25
25-Feb-16	34	0.62715	652.23
26-Feb-16	35	0.61860	643.34



**SpecMed Division**

Source Production & Equipment Co., Inc.  
113 Teal Street, St. Rose, LA 70087 USA  
T: 504.464.9471; F: 504.467.7685;  
E: nathan@spec150.com

**Customer / Consignee:**

**Deliver To:**

Beijing Deyan Xingye Co., Ltd.  
No. 80 North Xiaozicaowu,  
Yancun Town, Fangshan  
District,  
102412 Beijing, CHINA

刘金彦 (Susan Liu)  
电话 T: 86-10-60389303-8006  
传真 F: 86-10-60389180  
手机 M: 13641096361  
邮箱 E: deyan@beijingdeyan.com  
公司网页 W: www.beijingdeyan.com

**DESTINATION AIRPORT:**

Shanghai Pudong Intl Airport (PVG)  
*Hold & Contact Consignee*

**Contents:**

**REF: Purchase Order No.: 15-DY/JA-001**

**DESCRIPTION:** Radioisotope Strontium-89 in chloride solution in 0.05 M HCl  
**SPECIFIC ACTIVITY:**  $\geq 0.56 \text{ Ci/g}$   
**LOT ACTIVITY**  $\leq 670 \text{ mCi}$   
**VOLUME:** 12.40 mL (4 vials x 3.10 mL each)

**Product of USA;**  
**Country of Export: USA**

**Packing:**

**Dimensions:** 37.5 cm (dia) x 40.65 cm (ht)  
**Gross Weight:** 13.0 kgs  
**Net Weight:** 0.25 kgs

**REFER to:**

**No Wood Declaration  
in Shipping Documents**

**Drum 1 of 1**

***Product of USA***

***Product of USA***



**Declaration of No Coniferous Wood Packing Material**

**To the Service of China Entry & Exit Inspection and Quarantine:**

"It is declared that this shipment of radioisotope Strontium-89 in chloride solution in 0.05 M HCl does not contain solid or coniferous wood packing materials."

**SPECMED Division,**  
SOURCE PRODUCTION & EQUIPMENT CO., INC.

Date: February 10, 2016

---

Nathan Gorbach,  
Shipping Manager





**CERTIFICATE No. 5160  
FOR RADIOACTIVE PREPARATION**

<b>TITLE</b> <i>Strontium-89 (<sup>89</sup>Sr), chloride</i>	
<b>SERIAL NUMBER</b> <i>23/1</i>	<b>CONTRACT No.</b> <i>840/08625142/25/85-15</i>
<b>ORDER No.</b>	
<b>CUSTOMER</b> <i>ISOFLEX USA, USA</i>	
<b>SPECIFICATIONS</b>	
	Measurement date
1 Appearance	<i>transparent colourless liquid</i>
2 Chemical form	<i>SrCl<sub>2</sub></i>
3 Preparation activity at 22.01.2016, GBq (Ci)	<i>9.6 (0.26)</i>
4 Preparation volume, ml	<i>3.1</i>
5 Bulk activity, GBq/ml (Ci/ml)	<i>3.07 (0.083)</i>
6 Sr-89 specific activity, GBq/g (Ci/g)	<i>21 (0.56)</i>
7 Strontium-90 to strontium-89 activity ratio, %	<i>1.16×10<sup>-4</sup></i>
8 Total gamma emitters (except Sr-85) to strontium-89 activity ratio, %	<i>≤ 2.4×10<sup>-2</sup></i>
9 Nonradioactive impurities total content, mg/l	<i>≤ 200</i>
10 Solvent (hydrochloric acid) concentration, mol/l	<i>0.05</i>
<p>Additional information.</p> <p>1 Preparation activity at 05.02.2016 is equal to 7.8 GBq (0.21 Ci)</p> <p>2 The preparation is loaded into polypropylene ampoule, acrylic plastic case and placed into KT1-5 shielding container No. 131</p> <p>3 Category of possible radiation hazard: 5</p>	
<p>The preparation is loaded into the shipping packing unit <i>YKTIA-5M1</i></p>	
<p>The preparation complies with the Standards and Specifications being in force, as well as the terms and conditions of the Contract</p>	
Quality Assurance Manager	<div style="display: flex; justify-content: space-between;"> <span><i>N.V. Lyalyushkin</i></span> <span>Date <i>28.01.2016</i></span> </div>



**CERTIFICATE No. 5161  
FOR RADIOACTIVE PREPARATION**

<b>TITLE</b>		<i>Strontium-89 (<sup>89</sup>Sr ), chloride</i>	
<b>SERIAL NUMBER</b>	<i>23/2</i>	<b>CONTRACT No.</b>	<i>840/08625142/25/85-15</i>
		<b>ORDER No.</b>	
<b>CUSTOMER</b>		<i>ISOFLEX USA, USA</i>	
<b>SPECIFICATIONS</b>			
			Measurement date
1	Appearance	<i>transparent colourless liquid</i>	
2	Chemical form	<i>SrCl<sub>2</sub></i>	
3	Preparation activity at 22.01.2016, GBq (Ci)	<i>9.6 (0.26)</i>	
4	Preparation volume, ml	<i>3.1</i>	<i>28.01.2016</i>
5	Bulk activity, GBq/ml (Ci/ml)	<i>3.07 (0.083)</i>	<i>22.01.2016</i>
6	Sr-89 specific activity, GBq/g (Ci/g)	<i>21 (0.56)</i>	<i>21.01.2016</i>
7	Strontium-90 to strontium-89 activity ratio, %	<i>1.16×10<sup>-4</sup></i>	<i>22.01.2016</i>
8	Total gamma emitters (except Sr-85) to strontium-89 activity ratio, %	<i>≤ 2.4×10<sup>-2</sup></i>	<i>22.01.2016</i>
9	Nonradioactive impurities total content, mg/l	<i>≤ 200</i>	
10	Solvent (hydrochloric acid) concentration, mol/l	<i>0.05</i>	
<p>Additional information.</p> <p>1 Preparation activity at 05.02.2016 is equal to 7.8 GBq (0.21 Ci)</p> <p>2 The preparation is loaded into polypropylene ampoule, acrylic plastic case and placed into KT1-5 shielding container No. 132</p> <p>3 Category of possible radiation hazard: 5</p>			
<p>The preparation is loaded into the shipping packing unit</p>		<p><i>YKTIA-5M1</i></p>	
<p>The preparation complies with the Standards and Specifications being in force, as well as the terms and conditions of the Contract</p>			
<p>Quality Assurance Manager</p>		<p><i>N.V. Lyalyushkin</i></p>	
		<p>Date</p> <p><i>28.01.2016</i></p>	



**CERTIFICATE No. 5162  
FOR RADIOACTIVE PREPARATION**

<b>TITLE</b> <i>Strontium-89 (<sup>89</sup>Sr), chloride</i>	
<b>SERIAL NUMBER</b> 23/3	<b>CONTRACT No.</b> 840/08625142/25/85-15
<b>ORDER No.</b>	
<b>CUSTOMER</b> <i>ISOFLEX USA, USA</i>	
<b>SPECIFICATIONS</b>	
	Measurement date
1 Appearance	<i>transparent colourless liquid</i>
2 Chemical form	<i>SrCl<sub>2</sub></i>
3 Preparation activity at 22.01.2016, GBq (Ci)	<i>9.6 (0.26)</i>
4 Preparation volume, ml	<i>3.1</i>
5 Bulk activity, GBq/ml (Ci/ml)	<i>3.07 (0.083)</i>
6 Sr-89 specific activity, GBq/g (Ci/g)	<i>21 (0.56)</i>
7 Strontium-90 to strontium-89 activity ratio, %	<i>1.16×10<sup>-4</sup></i>
8 Total gamma emitters (except Sr-85) to strontium-89 activity ratio, %	<i>≤ 2.4×10<sup>-2</sup></i>
9 Nonradioactive impurities total content, mg/l	<i>≤ 200</i>
10 Solvent (hydrochloric acid) concentration, mol/l	<i>0.05</i>
<p>Additional information.</p> <p>1 Preparation activity at 05.02.2016 is equal to 7.8 GBq (0.21 Ci)</p> <p>2 The preparation is loaded into polypropylene ampoule, acrylic plastic case and placed into KT1-5 shielding container No. 133</p> <p>3 Category of possible radiation hazard: 5</p>	
<p>The preparation is loaded into the shipping packing unit <span style="float: right;"><i>YKTIA-5M1</i></span></p>	
<p>The preparation complies with the Standards and Specifications being in force, as well as the terms and conditions of the Contract</p>	
Quality Assurance Manager	Date <i>N.V. Lyalyushkin</i> 28.01.2016



**CERTIFICATE No. 5163  
FOR RADIOACTIVE PREPARATION**

<b>TITLE</b> <i>Strontium-89 (<sup>89</sup>Sr), chloride</i>	
<b>SERIAL NUMBER</b> <i>23/4</i>	<b>CONTRACT No.</b> <i>840/08625142/25/85-15</i>
<b>ORDER No.</b>	
<b>CUSTOMER</b> <i>ISOFLEX USA, USA</i>	
<b>SPECIFICATIONS</b>	
	Measurement date
1 Appearance	<i>transparent colourless liquid</i>
2 Chemical form	<i>SrCl<sub>2</sub></i>
3 Preparation activity at 22.01.2016, GBq (Ci)	<i>9.6 (0.26)</i>
4 Preparation volume, ml	<i>3.1</i>
5 Bulk activity, GBq/ml (Ci/ml)	<i>3.07 (0.083)</i>
6 Sr-89 specific activity, GBq/g (Ci/g)	<i>21 (0.56)</i>
7 Strontium-90 to strontium-89 activity ratio, %	<i>1.16×10<sup>-4</sup></i>
8 Total gamma emitters (except Sr-85) to strontium-89 activity ratio, %	<i>≤ 2.4×10<sup>-2</sup></i>
9 Nonradioactive impurities total content, mg/l	<i>≤ 200</i>
10 Solvent (hydrochloric acid) concentration, mol/l	<i>0.05</i>
<p>Additional information.</p> <p>1 Preparation activity at 05.02.2016 is equal to 7.8 GBq (0.21 Ci)</p> <p>2 The preparation is loaded into polypropylene ampoule, acrylic plastic case and placed into KT1-5 shielding container No. 134</p> <p>3 Category of possible radiation hazard: 5</p>	
<p>The preparation is loaded into the shipping packing unit <span style="float: right;"><i>YKTIA-5M1</i></span></p>	
<p>The preparation complies with the Standards and Specifications being in force, as well as the terms and conditions of the Contract</p>	
Quality Assurance Manager	<div style="text-align: right;"> <i>N.V. Lyalyushkin</i>  Date  <i>28.01.2016</i> </div>



## Commercial Invoice

<b>SELLER/SHIPPER (Name, Full Address, Country)</b> SPECMED Division, Source Production & Equipment Co., Inc. 113 Teal Street St. Rose, LA 70087, USA Tel 504 464-9471 • Fax 504 467-76		<b>Invoice Date and Number</b> February 10, 2016	<b>Customer Order Number</b> 15-DY/JA-001
		<b>Tracking ID/Air Waybill No.</b>	
<b>CONSIGNEE (Name, Full Address, Country)</b> Beijing Deyan Xingye Co.,Ltd. No.80 North Xiaozicaowu Yancun Town, Fangshan District 102412 Beijing, CHINA Tel: 86-10-60389303-8006 Fax: 86-10-6038918		<b>Buyer (if Other than Consignee)</b>	
<b>Port of Lading</b> Louis Armstrong New Orleans International Airport, USA (MSY)		<b>Terms and Conditions of Delivery and Payment (incoterms)</b> CPT, Shanghai Pudong International Airport (PVG)	
<b>Final Destination</b> Shanghai, CHINA	<b>Exporting Carrier</b> FEDEX		
<b>Other Transportation Information</b>		<b>Currency of Sale</b> USD	
<b>Marks and Numbers</b> None	<b>Total Number of Packages</b> 1/1	<b>Total Gross Weight (kg)</b> 12.0	<b>Cubic Meters</b> 0.059
<b>Complete And Accurate Commodity Description And Country of Manufacture</b>		<b>Quantity/ Unit of Measure</b>	<b>Unit Price</b>
Strontium-89.(Sr-89) radioisotope; Form: liquid aqueous; research grade; HTS (USA): 2844.40.00.20; UN2915. PRODUCT OF USA		670 millicurie (mCi)	\$78.23
These commodities, technology, or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to United States law is prohibited. I declare all the information contained in this invoice to be true and correct. <div style="text-align: right;">St. Rose, Louisiana USA</div> <div style="display: flex; justify-content: space-between;"> <div>Signature and Status of Authorized Person</div> <div>Date</div> <div>Place</div> </div> <div style="text-align: center;">Nathan Gorbach, Shipping Manager,</div>		<b>Packing Costs</b> (Included)	
		<b>Freight Costs</b> (Included)	
		<b>Other Transportation Costs</b> (Included)	
		<b>Handling</b> (Included)	
		<b>Insurance Costs</b> (Included)	
		<b>Assists</b> (Included)	
		<b>Additional Fees</b> (Included)	
		<b>Duties and Taxes</b> (Not Included)	
Page <u>1</u> of <u>1</u>		<b>Total Invoice Value</b> <b>For Customs Purposes</b> \$52,414.10	

# Sr-89

## Shipment 5 to BDX

**Dated:** July 13, 2016

### Checklist for SPEC:

Item			Notes/Comments
1	EST. SHIPMENT FROM RUSSIA	LH1449 of 29 Jun 2016 to FRA; and LH440 of June 30, 2016 IAH   AWB 020-DME-5342-9202 (see attached)	
2	EST. SHIPMENT BY SPEC	Outbound shipment scheduled on/about <u>Wednesday, July 6, 2015</u> . <u>Please confirm actual departure by SMS, ASAP, to Richard McKannay:</u> [REDACTED]	
3	CONSIGNEE	<p>Beijing Deyan Xingye Co., Ltd. (BDX) No.80 North Xiaozicaowu, Yancun Town, Fangshan District, 102412 Beijing, China</p> <p><u>DESTINATION AIRPORT:</u></p> <p>CPT, Shanghai Pudong International Airport (PVG) HOLD &amp; NOTIFY 刘金彦 / Susan Liu 手机(Mob): [REDACTED]</p>	<p>BDX's PRC Tax Identification Number: 110111752642129. BDX's PRC Customs Registration Number: 00723081.</p>
4	SHIPPING DOCUMENTS CHECKLIST	<ol style="list-style-type: none"> <li>1. Air Waybill,</li> <li>2. Dangerous Goods Declaration</li> <li>3. Packing List (See, attached)</li> <li>4. Decay Graph (See IUSA's sample, attached)</li> <li>5. Shipping Label (<u>IUSA will prepare print &amp; send to SPEC</u>)</li> <li>6. No Wood Declaration (Must accompany original AWB)</li> <li>7. Certificate of Analysis covering one ampoule</li> <li>8. Commercial Invoice</li> <li>9. Certificate of Origin from USA</li> <li>10. Outside, additional label, "PRODUCT OF USA"</li> </ol>	<ul style="list-style-type: none"> <li><input type="checkbox"/> To be prepared by SPEC's forwarder.</li> <li><input type="checkbox"/> Please prepare &amp; sign.</li> <li><input type="checkbox"/> See attached PDF; please sign.</li> <li><input type="checkbox"/> See attached.</li> <li><input type="checkbox"/> Please affix to inner &amp; outer containers</li> <li><input type="checkbox"/> Please print &amp; sign.</li> <li><input type="checkbox"/> See attached Certificate in PDF.</li> <li><input type="checkbox"/> See attached file; please sign</li> <li><input type="checkbox"/> Please prepare &amp; have signed by normal authority.</li> <li><input type="checkbox"/> Please print and attach to outside of shipping container.</li> </ul>
5	CHINA CUSTOMS CLEARING	Customs clearing will be done by BDX	
6	IUSA REQUEST	Following dispatch, please send clear and legible copies of all shipping documents, in PDF, to IUSA in PDF format.	



**SPECMED DIVISION**  
Source Production & Equipment Co., Inc.  
113 Teal Street, St. Rose, LA 70087 USA  
T: 504.464.9471; F: 504.467.7685;  
E: nathan@spec150.com

## PACKING LIST

**CUSTOMER:**

Beijing Deyan Xingye Co., Ltd.  
No. 80 North Xiaozicaowu,  
Yancun Town, Fangshan District,  
102412 Beijing, CHINA

Tel: +81-480-37-1555

**OUR NUMBER:** Sr-89 - 150607-01

**DATE:** July 13, 2016

**CUSTOMER ORDER NO.:** 15-DY/JA-001

**CONTACT PERSON:** Joseph R. Dauzat, Shipping Mgr.

**SHIPMENT VIA:** FEDEX

**SHIPMENT DATE:** On/About February 13, 2016

### PRODUCT

**DESCRIPTION:** Radioisotope Strontium-89 in chloride solution in 0.05 M HCl  
UN Number 2915

**SPECIFIC ACTIVITY:**  $\geq 0.46$  Ci/g

**LOT ACTIVITY:**  $\leq 500$  mCi

**VOLUME:** 2.5 mL (consisting of 1 ampoule x 2.5 mL)

**PACKING:** Type A

**SPECMED DIVISION**

Source Production & Equipment Co., Inc.

July 13, 2016

Date

Nathan Gorbach  
Shipping Manager



## Sr-89

### Decay Graph


### Shipment 5

Assay Date	Days After Stated Manufacture Date		Remaining Activity - 634 mCi (100%)
27-Jun-16	0	1.00000	634.00
28-Jun-16	1	0.98637	625.36
29-Jun-16	2	0.97293	616.84
30-Jun-16	3	0.95967	608.43
01-Jul-16	4	0.94659	600.14
02-Jul-16	5	0.93369	591.96
03-Jul-16	6	0.92096	583.89
04-Jul-16	7	0.90841	575.93
05-Jul-16	8	0.89603	568.08
06-Jul-16	9	0.88382	560.34
07-Jul-16	10	0.87177	552.70
08-Jul-16	11	0.85989	545.17
09-Jul-16	12	0.84817	537.74
10-Jul-16	13	0.83661	530.41
11-Jul-16	14	0.82521	523.18
12-Jul-16	15	0.81396	516.05
13-Jul-16	16	0.80287	509.02
14-Jul-16	17	0.79193	502.08
15-Jul-16	18	0.78113	495.24
16-Jul-16	19	0.77049	488.49
17-Jul-16	20	0.75999	481.83
18-Jul-16	21	0.74963	475.26
19-Jul-16	22	0.73941	468.79
20-Jul-16	23	0.72933	462.40
21-Jul-16	24	0.71939	456.10
22-Jul-16	25	0.70959	449.88
23-Jul-16	26	0.69992	443.75
24-Jul-16	27	0.69038	437.70
25-Jul-16	28	0.68097	431.73
26-Jul-16	29	0.67169	425.85
27-Jul-16	30	0.66253	420.05





**CERTIFICATE No. 5418  
FOR RADIOACTIVE PREPARATION**

<b>TITLE</b> <i>Strontium-89 (<sup>89</sup>Sr), chloride</i>		
<b>SERIAL NUMBER</b> 27/3	<b>CONTRACT No.</b> 840/08625142/25/85-15 <b>ORDER No.</b>	
<b>CUSTOMER</b> <i>ISOFLEX USA, USA</i>		
<b>SPECIFICATIONS</b>		
	Measurement date	
1 Appearance	<i>transparent colourless liquid</i>	
2 Chemical form	<i>SrCl<sub>2</sub></i>	
3 Preparation activity at 23.05.2016, GBq (Ci)	<i>38 (1.03)</i>	
4 Preparation volume, ml	<i>2.50</i>	<i>22.06.2016</i>
5 Bulk activity, GBq/ml (Ci/ml)	<i>2.73 (0.074)</i>	<i>23.05.2016</i>
6 Sr-89 specific activity, GBq/g (Ci/g)	<i>17 (0.46)</i>	<i>20.05.2016</i>
7 Strontium-90 to strontium-89 activity ratio, %	<i>3.60×10<sup>-5</sup></i>	<i>25.05.2016</i>
8 Total gamma emitters (except Sr-85) to strontium-89 activity ratio, %	<i>≤ 2.5×10<sup>-2</sup></i>	<i>23.05.2016</i>
9 Nonradioactive impurities total content, mg/l	<i>≤ 200</i>	
10 Solvent (hydrochloric acid) concentration, mol/l	<i>0.05</i>	
Additional information. 1 Preparation activity at 27.06.2016 is equal to 23.5 GBq (0.63 Ci) 2 The preparation is loaded into polypropylene ampoule, acrylic plastic case and placed into KT1-5 shielding container No. 159 3 Category of possible radiation hazard: 5		
The preparation is loaded into the shipping packing unit		<i>YKTIA-5M1</i>
The preparation complies with the Standards and Specifications being in force, as well as the terms and conditions of the Contract		
Quality Assurance Manager		<b>Date</b> <i>N.V. Lyalyushkin</i> <b>22.06.2016</b>



## Commercial Invoice

<b>SELLER/SHIPPER (Name, Full Address, Country)</b> SPECMED Division, Source Production & Equipment Co., Inc. 113 Teal Street St. Rose, LA 70087, USA Tel 504 464-9471 • Fax 504 467-76		<b>Invoice Date and Number</b> July 7, 2016	<b>Customer Order Number</b> 15-DY/JA-001
<b>Tax Identification Number (EIN)</b> 72-0749290		<b>Tracking ID/Air Waybill No.</b>	
<b>CONSIGNEE (Name, Full Address, Country)</b> Beijing Deyan Xingye Co.,Ltd. No.80 North Xiaozicaowu Yancun Town, Fangshan District 102412 Beijing, CHINA Tel: 86-10-60389303-8006 Fax: 86-10-6038918		<b>Buyer (if Other than Consignee)</b>	
<b>Port of Lading</b> Louis Armstrong New Orleans International Airport, USA (MSY)		<b>Terms and Conditions of Delivery and Payment (incoterms)</b> CPT, Shanghai Pudong International Airport (PVG)	
<b>Final Destination</b> Shanghai, CHINA	<b>Exporting Carrier</b> FEDEX		
<b>Other Transportation Information</b> July 13, 2016		<b>Currency of Sale</b> USD	
<b>Marks and Numbers</b> None	<b>Total Number of Packages</b> 1/1	<b>Total Gross Weight (kg)</b> 12.0	<b>Cubic Meters</b> 0.059
<b>Complete And Accurate Commodity Description And Country of Manufacture</b>		<b>Quantity/ Unit of Measure</b>	<b>Unit Price</b>
Strontium-89 (Sr-89) radioisotope; Form: liquid aqueous; research grade; HTS (USA): 2844.40.00.20; UN2915. PRODUCT OF USA		500 millicurie (mCi)	\$78.23
Amount		\$39,115.00	
These commodities, technology, or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to United States law is prohibited.  I declare all the information contained in this invoice to be true and correct.  <div style="display: flex; justify-content: space-between;"> <div>           Signature and Status of Authorized Person            Nathan Gorbach, Shipping Manager         </div> <div>           Date            July 13, 2016         </div> <div>           Place            St. Rose, Louisiana            USA         </div> </div>		<b>Packing Costs</b> (Included)	
		<b>Freight Costs</b> (Included)	
		<b>Other Transportation Costs</b> (Included)	
		<b>Handling</b> (Included)	
		<b>Insurance Costs</b> (Included)	
		<b>Assists</b> (Included)	
		<b>Additional Fees</b> (Included)	
		<b>Duties and Taxes</b> (Not Included)	
<b>Total Invoice Value</b>		\$39,115.00	
<b>For Customs Purposes</b>		\$39,115.00	



**Declaration of No Coniferous Wood Packing Material**

**To the Service of China Entry & Exit Inspection and Quarantine:**

"It is declared that this shipment of radioisotope Strontium-89 in chloride solution in 0.05 M HCl does not contain solid or coniferous wood packing materials."

**SPECMED Division,**  
SOURCE PRODUCTION & EQUIPMENT CO., INC.

Date: July 13, 2016

---

Nathan Gorbach,  
Shipping Manager



**SpecMed Division**

Source Production & Equipment Co., Inc.  
113 Teal Street, St. Rose, LA 70087 USA  
T: 504.464.9471; F: 504.467.7685;  
E: shipping@spec150.com

**Customer / Consignee:**

**Deliver To:**

Beijing Deyan Xingye Co., Ltd.  
No. 80 North Xiaozicaowu,  
Yancun Town, Fangshan  
District,  
102412 Beijing, CHINA

刘金康 (Susan Liu)  
电话 T: 86-10-60389303-8006  
传真 F: 86-10-60389180  
手机 M: 13641096361  
邮箱 E: deyan@beijingdeyan.com  
公司网页 W: www.beijingdeyan.com

**DESTINATION AIRPORT:**

Shanghai Pudong Intl Airport (PVG)

Hold & Contact Consignee

**Contents:**

**REF: Purchase Order No.: 15-DY/JA-001**

**DESCRIPTION:** Radioisotope Strontium-89 in chloride solution in 0.05 M HCl  
**SPECIFIC ACTIVITY:**  $\geq 0.46$  Ci/g  
**LOT ACTIVITY**  $\leq 500$  mCi  
**VOLUME:** 2.50 mL (1 ampoule x 2.50 mL)

**Product of USA;  
Country of Export: USA**

**Packing:**

**Dimensions:** 37.5 cm (dia) x 40.65 cm (ht)  
**Gross Weight:** 13.0 kgs  
**Net Weight:** 0.25 kgs

**REFER to:**

**No Wood Declaration  
in Shipping Documents**

**Drum 1 of 1**

***Product of USA***

***Product of USA***