



Dow AgroSciences, LLC

9330 Zionsville Road Indianapolis, IN 46268 USA Tel 317.337.3435 Fax 317.337.4102

dowagro.com

December 14, 2015

Director of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Dear Sir or Madam,

This letter is to advise you of the transfer of one (1) Ba-133 sealed source. The sealed source was shipped to Caliper, A Perkin Elmer Company for disposal at the Hopkinton, MA facility:

Caliper, A Perkin Elmer Company  
68 Elm Street  
Hopkinton, MA 01748 US  
Radioactive Material License # 56-0683

The serial number and activity of each individual source is as follows:

Ba-133 Sealed Source Serial Number	Instrument Type	Model Number	Activity, mCi	Manufacture Date
Unknown: LSC SN:101641	Perkin Elmer LSC	A1900	0.0188	01/09/1989

Please contact us if you have questions regarding this transfer.

NRC License for Dow AgroSciences: 13-26398-01

Sincerely,

Roben Roberts  
Radiation Safety Officer  
Dow AgroSciences, LLC  
9330 Zionsville Road  
Indianapolis, IN 46268  
(317)337-3435  
Email: [rroberts@dow.com](mailto:rroberts@dow.com)

Kevin Smith  
Assistant Radiation Safety Officer  
Dow AgroSciences, LLC  
9330 Zionsville Road  
Indianapolis, IN 46268  
(317)337-3466  
Email: [kpsmith@dow.com](mailto:kpsmith@dow.com)



December 15, 2015

Dear Customer:

The following is the proof-of-delivery for tracking number **629741480584**.

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**Delivery Information:**

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<b>Status:</b>	Delivered	<b>Delivered to:</b>	Shipping/Receiving
<b>Signed for by:</b>	M.FRADETTE	<b>Delivery location:</b>	HOPKINTON, MA
<b>Service type:</b>	FedEx Priority Overnight	<b>Delivery date:</b>	Dec 15, 2015 14:04
<b>Special Handling:</b>	Deliver Weekday		

**NO SIGNATURE REQUIRED**

Proof-of-delivery details appear below; however, no signature is available for this FedEx Express shipment because a signature was not required.

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**Shipping Information:**

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<b>Tracking number:</b>	629741480584	<b>Ship date:</b>	Dec 14, 2015
		<b>Weight:</b>	5.0 lbs/2.3 kg

**Recipient:**  
HOPKINTON, MA US

**Shipper:**  
INDIANAPOLIS, IN US

**Department number**

573816404

Thank you for choosing FedEx.

### ATTACHMENT 1 – PELLET RETURN INFORMATION SHEET

*Instructions: Please enter the information requested on this sheet using a black or blue ink pen. Please print legibly unless otherwise specified. If more than one pellet is being returned in the kit, then please make a copy of the blank sheet and complete it for each pellet. Once complete, attach this sheet on top of the inner box so that it is visible upon opening the outer box.*

1. Name (Print) Dale L. Fay
2. Institution Served Dow AgroSciences, LLC
3. Date of Service (mm/dd/yyyy) 12/11/2015
4. Instrument Make and Model Number 101641 A1900
5. Instrument Serial Number 101641
6. Pellet Serial Number (if unknown, write "unknown") "UNKNOWN"
7. Pellet Reference Date (mm/dd/yyyy) 01/09/1989  
*If reference date is unknown, then please enter the date of service.*

8. Please place a checkmark below to identify the radioisotope that is being returned and its activity.

<input checked="" type="checkbox"/>	<sup>129</sup> I	0.03 $\mu$ Ci	x	Quantity	
<input type="checkbox"/>	<sup>133</sup> Ba	1 $\mu$ Ci		8 $\mu$ Ci	<input checked="" type="checkbox"/> 18.8 $\mu$ Ci
<input type="checkbox"/>	<sup>137</sup> Cs	30 $\mu$ Ci		40 $\mu$ Ci	
<input type="checkbox"/>	<sup>152</sup> Eu	1 $\mu$ Ci		12 $\mu$ Ci	<input type="checkbox"/> 20 $\mu$ Ci
<input type="checkbox"/>	<sup>226</sup> Ra	10 $\mu$ Ci		20 $\mu$ Ci	
<input type="checkbox"/>	<sup>241</sup> Am	130 $\mu$ Ci			

I certified that the radioactive material contained in this kit has been prepared and packaged according to the attached procedure.

Signature Dale L. Fay Date (mm/dd/yyyy) 12/11/2015

CONSIGNOR (Shipper)  
 Name Kevin Smith  
 Address 9330 ZIONSVILLE RD  
306/F1-519 40  
307 UL - OFFICE  
 Phone 317-337-3466

COSIGNEE  
 Caliper, A PerkinElmer Company  
 68 Elm Street  
 Hopkinton, MA 01748  
 508-435-9500

This package conforms to the conditions and limitations specified in 49 CFR 173.421 and the ICAO/IATA Dangerous Goods Regulations for RADIOACTIVE MATERIAL, EXCEPTED-PACKAGE, LIMITED QUANTITY OF MATERIAL (UN2910).