

84922

OAK RIDGE NATIONAL LABORATORY  
OPERATED FOR U. S. ATOMIC ENERGY COMMISSION  
BY CARBIDE AND CARBON CHEMICALS COMPANY  
A DIVISION OF  
UNION CARBIDE AND CARBON CORPORATION

RADIOISOTOPE ORDER NO.

RAIL EXPRESS

OAK RIDGE, TENNESSEE

6-22-56

1006-76

CUSTOMER'S ORDER NO.

RADIOISOTOPE ORDER NO.

APPROVAL NO.

SCHEDULED DATE

EXP-5304

1006-76

12-140-2

6-22-56

SHIP TO

BILL TO (IF DIFFERENT FROM SHIP TO)

SINCLAIR RESEARCH LABORATORIES, INC.  
400 EAST SIBLEY BOULEVARD  
HARVEY, ILLINOIS

SINCLAIR RESEARCH LABORATORIES, INC.  
PURCHASING DEPARTMENT  
155 NORTH WACKER DRIVE  
CHICAGO 6, ILLINOIS

ATTN: DR. A. I. SNOW

ROUTE AND SHIPPING INSTRUCTIONS

CONTAINER NO.

RAIL EXPRESS

NR

BILLING INSTRUCTIONS

DESCRIPTION OF MATERIAL ORDERED

SPECIFIC ACTIVITY REQUESTED

DATE SHIPPED

6-22-56

BOX WEIGHT

14

| ORDERED | SHIPPED | DESCRIPTION | UNIT PRICE | EXTENSIONS | HANDLING CHARGE | CONTAINER CHARGE | TOTAL VALUATION |
|---------|---------|-------------|------------|------------|-----------------|------------------|-----------------|
| 10 MCS  | 10 mg.  | NI-63-P     | 45.00      | 450.00     | 10.00           |                  | 460.00          |

| CHEMICAL FORM                   | BATCH NO. | CONCENTRATION       | VOLUME  | SPECIFIC ACTIVITY |
|---------------------------------|-----------|---------------------|---------|-------------------|
| NI <sub>2</sub> in HCl Solution | 9         | 0.77 ± 10%<br>mc/ml | 13.0 ml | 40.3 mc/g         |

|             |                       |               |               |
|-------------|-----------------------|---------------|---------------|
| ANALYSIS    | Assayed at 8:00 A. M. | CUSTOMER CODE | SALE CODE     |
|             | 6-22-56               | 6153          | 1 1           |
| PPT at pH 7 |                       | CUSTOMER TYPE | MATERIAL TYPE |
| XXXXXXXX #1 | 19.1 mg/ml            | 5             | 3661-61-328   |

f 133 \_\_\_\_\_ %

Heavy Metals \_\_\_\_\_ p.p.m.

Total Solids \_\_\_\_\_ mg/ml

Non Volatile Materials 32 mg/ml

Alpha 22 c/min/mt

Radiochemical Purity \_\_\_\_\_ %

Acidity 0.90 N. Acid

Co-58 ~ 1 x 10<sup>-4</sup> mc/ml

APPROVED FOR SHIPMENT

410

SHIPPED BY RADIOISOTOPE SHIPPING DEPARTMENT

SIGNED RADIOISOTOPE SALES DEPARTMENT