



**CERTIFICATE OF COMPLIANCE FOR NUCLEAR MEDICINE SHIPPING SYSTEMS  
D.O.T. SPECIFICATIONS 7A, TYPE A**

**1. Package Identification:**

Common Name: Double Dose Shipping System Syringe w/Needle and Cap  
Catalog Name: PET Shipping System, Double Syringe, Ammo Can

Model No: 001-751

**2. Preamble:**

- a) This certificate is issued to satisfy section 178.350 including sections 171.2, 173.403, 173.410, 173.411, 173.412, 173.415, 173.431, 173.465, 173.466 and 178.608 of the Department of Transportation, Hazardous Materials Regulations (49 CFR).
- b) The packaging and contents described in item 3 below were found to meet the safety standards set forth in, and tested, according to the more stringent recommendations for general performance testing from:

IATA Dangerous Goods Regulations, 65<sup>th</sup> Edition Sections 5.0.4.3, 10.5, and 10.6.1 thru 10.6.3.5.

49 CFR as listed in item 2a above.

- c) This certificate does not release the consignor from compliance with any requirement of the regulations of the U.S. Department of Transportation or other applicable regulatory agencies, including the government of any country through or into which the package will be transported.

**3. Descriptions of Packaging and Authorized contents, Other Conditions, and References:**

- a) **Outer Container:** Model #C12594  
Grey Metal Ammo Can

**Dimensions:** 12 x 6" x 13.5" with 2.2 lb/ft<sup>3</sup> closed cell polyethylene foam cushioning.  
Top foam lifts out to remove pigs.

- b) **Shielded Insert:** Model #001-782-C200

Contour lead shield with open top and bottom and more lead in the vertical center. Lead varies in thickness depending upon location from .06" to 1.24"



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- c) **PET Unit Dose Pig:** Model #001-785 (system accepts 2 pigs)  
0.090 " polycarbonate with 0.5" lead with screw top cover with 1.44" top lead and 1.2" lead in bottom and an integral 0.040" polypropylene well liner.
- d) **Lead Shielding Combined:** Bottom: 1.2" Top: 1.44"  
Sides: Varies depending on location from 0.56" to 1.74"
- e) **Absorbent Material:** Model #001-771  
3" x 3" Quick Solid absorbent material in each pig
- f) **Syringe:** B-D Plastic 3 ml or 5 ml Syringe with needle and cap or Luer Cap

**Authorized Contents:**

Normal Form Radioactive Materials in Type A quantities  
Tested with F-18, 143.5 mCi and 78.8 mCi in appropriate parts of the shield as Yellow II.  
Must comply with A<sub>2</sub> value limits from 49CFR 173.435.

**Specifications and Restrictions:**

Ground or Air Transportation

**4. This certificate is issued on the basis of the test results and safety analysis of the package design.**

**5. Certification**

This document is to certify that to the best of our knowledge, information, and belief, the construction methods, the packaging design, and the materials of construction for this specification packages comply with the standards described in items 2a, 2b, 2c herein. Any deviation from these conditions must be approved prior to use.

**Approved:**

Chris Wilczynski  
Site Manager, Florham Park • Capintec

Date: 02-14-2024