



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

**1. Package Identification:**

Common Name: Double Ended Single Dose Shipping System Syringe w/Needle  
Catalog Name: Shipping System, PET, Single Compact, Double-Ended  
Model No: 001-794

**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 #001-783-A005 DOT Approved Shipping Container  
ZERO Manufacturing, p/n: ZRC0808-1002, medium density polyethylene

**Dimension:** 11.75" x 11.75" x 12.5" Medium Density Polyethylene with high density polyurethane foam cushioning and insert support weldment with two locking twist hasps and a hinged lid. Case has two handles. A safety seal can be put thru the hasp and the stand-off for tamper proof evidence

- b) **Shielded Insert:** Model #001-794-C200  
Contour lead shield with open top and bottom and more lead in the vertical center.

- c) **PET Unit Dose Pig:** Model #001-793  
0.065" polycarbonate with 0.6" lead with single turn twist lock top and bottom, with 0.875" tungsten top plug, and 1.5" lead in bottom. Double-Ended Pig.



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- d) **Absorbent Material:** Model #001-771  
3"x3" Quick Solid absorbent material in the bottom of the pig
- e) **Syringe:** B-D or Monoject plastic 3 ml or 5/6 ml Syringe with needle and cap or luer cap

**Authorized Contents:**

Normal Form Radioactive Materials in Type A quantities  
Tested with F-18 and 475 mCi in 5ml Syringe with 3ml of volume 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 package comply with the standards described in items 2a, 2b, 2c herein. Any deviation from these conditions must be approved prior to use.

**Approved:**

Date: 02-14-2024

Chris Wilczynski  
Site Manager, Florham Park • Capintec