



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

1. Package Identification:

Common Name: Actinium Shipping System Syringe w/Luer Combi Cap
Catalog Name: Shipping System, Actinium

Model No: 001-894 with Actinium, includes Pig Model #001-894-A015

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, 65th 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 #001-894-A005
Injection Molded Polypropylene: Can hold one Actinium Pig

Dimensions: 18.2"x9"x7.3" (46.23 x22.81 x18.54cm) with high density polyurethane foam cushioning.
- b) **Actinium Unit Dose Pig:** Model #001-894-A015
Injection molded polycarbonate with lead insert with Delrin single turn twist lock with integral painted lead shielding:
0.25" (0.64cm) in the top; 0.25" (0.64cm) the side;
and 0.4" (1.02cm) in the bottom of the shield.



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- c) **Absorbent Material:** Model #001-771
3" x 3" Quick Solid absorbent material in the bottom of the pig
- d) **Syringe:** B-D Plastic 60 ml Syringe with Luer Combi-Cap

Authorized Contents:

Normal Form Radioactive Materials in Type A quantities
Tested with F-18, 235 mCi and 160 mCi in appropriate parts of the shield as Yellow II.
Must comply with A₂ 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:

Chris Wilczynski
Site Manager, Florham Park • Capintec

Date: 02-14-2024