



U.S. Department
of Transportation

Pipeline and
Hazardous Materials
Safety Administration

East Building, PHH-23
1200 New Jersey Ave, SE
Washington, D.C. 20590

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS

CERTIFICATE USA/0350/S, REVISION 9

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive material.

1. Source Identification - Eckert & Ziegler Isotope Products (EZIP) Model 343.
2. Source Description - Cylindrical single encapsulation made of Type 304 or 304L stainless steel and fusion welded. Approximate outer dimensions are 9.53 mm (0.375 in.) in diameter and 7.87 mm (0.31 in.) in length. One end has a recessed hexagonal socket. Construction shall be in accordance with attached Eckert & Ziegler Isotope Products Drawing No. 3222, Sheet 3 of 7, Rev. B.
3. Radioactive Contents - No more than either 11.1 GBq (0.3 Ci) of Strontium-90 or 1.85 GBq (0.05 Ci) of Ruthenium-106. The Sr-90 is in a ceramic or as SrTiO₄ in silver. The Ru-106 is in the form of a metal plated on platinum.
4. Management System Activities - Records of Management System activities required by Paragraph 306 of the IAEA regulations shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors in the United States exporting shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.

¹ "Regulations for the Safe Transport of Radioactive Material, 2018 Edition, No. SSR-6 (Rev. 1)" published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

² Title 49, Code of Federal Regulations, Parts 100-199, United States of America.

CERTIFICATE USA/0350/S, REVISION 9

5. Expiration Date - This certificate expires on November 30, 2029. Previous editions which have not reached their expiration date may continue to be used.

This certificate is issued in accordance with paragraph(s) 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the October 18, 2024 petition by Eckert & Ziegler Isotope Products, Valencia, CA, and in consideration of other information on file in this Office.

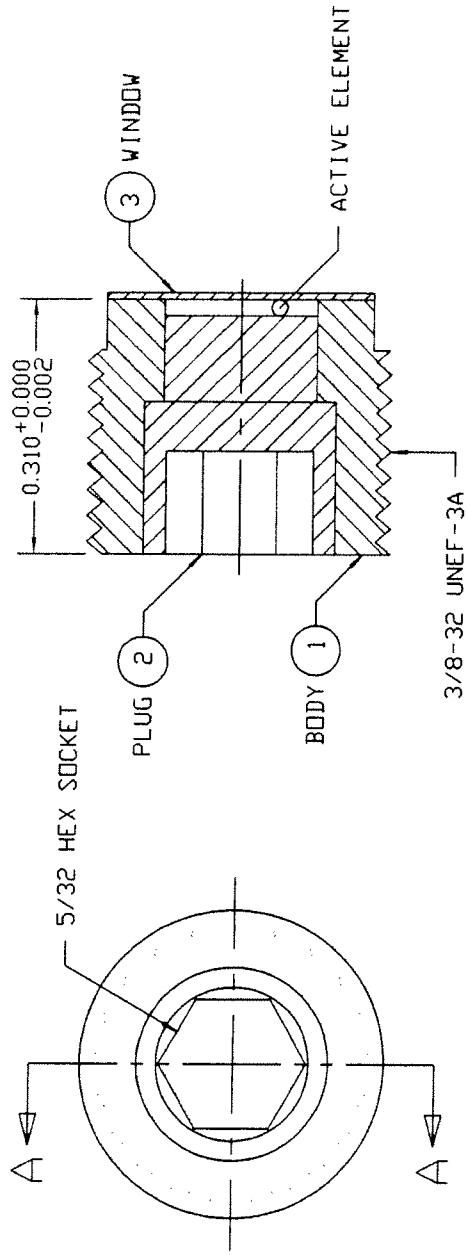
Certified By:



November 15, 2024
(DATE)

 William Schoonover
Associate Administrator for Hazardous
Materials Safety

Revision 9 - Issued to extend the expiration date and to issue the certificate to the 2018 edition of SSR-6.



SECTION A-A

2. IDENTIFY PART NUMBER
1. ASSEMBLE COMPLETE PER ENGINEERING DRAWING

NOTE: UNLESS OTHERWISE SPECIFIED

P/N: A3222 ASSEMBLY, GFS BETA CAPSULE



Eckert & Ziegler

Isotope Products

Valencia, California 91355

THIS DRAWING IS THE PROPERTY OF ISOTOPE PRODUCTS LABORATORIES AND MAY NOT BE USED, REPRODUCED, PUBLISHED OR DISCLOSED TO OTHERS WITHOUT EXPRESS AUTHORIZATION BY ISOTOPE PRODUCTS LABORATORIES.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			DESIGN JMD/RLT		DRAWING TITLE BETA CAPSULE, GFS	
TOLERANCES ON			SCALE		SERIES TITLE	
FRAC- TION	DECIMAL	ANGLE	NONE		GFS AND XFB SOURCES (PHI & BFI)	
±.64	±.1	.01				
THIRD ANGLE PROJECTION			SIZE A		CAGE CODE 32993	REVISION B
			DRAWING NUMBER 3222		SHEET 3 OF 7	



U.S. Department of
Transportation

Pipeline and
Hazardous Materials
Safety Administration

East Building, PHH-23
1200 New Jersey Ave, SE
Washington, D.C. 20590

CERTIFICATE NUMBER: USA/0350/S

ORIGINAL REGISTRANT(S) :

Eckert & Ziegler Isotope Products
24937 Avenue Tibbitts
Valencia, CA, 91355
USA