



BETA REFERENCE SOURCES-BRS*

S.No.	PRODUCT CODE
1.	BRS-2 (Co-60)
2.	BRS-3 (Pb-210-Bi-210)
3.	BRS-4 (Sr-90-Y-90)
4.	BRS-5 (Tl-204)
5.	BRS-7 (Ca-45)
6.	BRS-8 (P-32)
7.	BRS-9 (Pm-147)
8.	SEMI-1 (Pb-210 – Bi-210)
9.	SEMI-2 (Tl-204)
10.	Dummy sources

*BRS – Beta source at the center of 25 mm dia X 5 mm (OD) thick plastic disc source holder, with suitable film window

SEMI – Beta source at the center of 25 mm dia X 3 mm (OD) thick Semi-Circular plastic disc source holder, with suitable film window

CONVERSION ELECTRON REFERENCE SOURCE

S.No.	PRODUCT CODE
1.	BAC-1 (Ba-133)
2.	CEC-1 (Ce-141)
3.	CSC-1 (Cs-137)
4.	COC-1 (Co-57)
5.	SNC-1 (Sn-113)

Conversion electron sandwiched evaporated source between suitable thickness of aluminized mylar film rings: mounted on 25 mm dia X 5 mm thick (OD) plastic disc, adhesive (epoxy) sealed source. Active dia: ~6 mm at the center.

INDUSTRIAL RADIATION SOURCES

S.No.	PRODUCT CODE
1.	COSM-4 (Co-57)
2.	CMS (Ni-63)
3.	CMS (Fe-55)
4.	CMS (Cd-109)
5.	BSTM-1 (Tl-204)
6.	PMDM-1 (Pm-147)
7.	CMS (Ni-63) – TLD sources
8. #	CMS (Co-60) “PIP” TAG sources

All the above sources are Electrodeposited sources except Co-60 “PIP” TAG sources.

Dimensions:

Co-60 "PIP" TAG sources are Evaporated thin polymer sources with the activity distributed uniformly.

NUCLEAR MEDICINE REFERENCE SOURCES

S.No.	PRODUCT CODE
1.	COSM-3 (Co-57)

COSM-3 Cobalt-57 Spot Marker Source (Anatomical Markers)
Evaporated gamma point source adsorbed on ceramic bead: mounted at the center of 25 mm dia X 5 mm thick (OD) color-coded plastic disc, adhesive (epoxy) sealed sources. Active dia: ~ 2 mm.

RADIOCHEMICALS (Liquids) – SPECIAL DISPENSING UPTO 3.7 MBq (100 µCi)

S.No.	PRODUCT CODE
1.	CD-4 (Cd-109)
2.	CS-3 (Cs-137)
3.	CO-4 (Co-57)
4.	I-4 (I-125)
5.	FE-5 (Fe-55)
6.	PB-1 (Pb-210-Bi-210)
7.	MN-2 (Mn-54)
8.	PM-3 (Pm-147)
9.	NA-2 (Na-22)
10.	SR-4 (Sr-90-Y-90)

GAMMA REFERENCE SOURCES – DISC TYPE

S.No.	PRODUCT CODE
1.	GDS-1 (Ba-133)
2.	GDS-2 (Cs-137)
3.	GDS-3 (Co-57)
4.	GDS-4 (Co-60)
5.	GDS-5 (Mn-54)
6.	GDS-6 (Simulated I-131)
7.	GDS-7 (Na-22)
8.	GDS-8 (Cr-51)
9.	GDS-9 (Hg-203)
10.	GDS-10 (Zn-65)
11.	GDS-11 (I-131)
12.	GDS-13 (Eu-152)

GDS – Gamma Disc Source.

Evaporated source at the center of 25 mm dia X 5 mm thick (OD) color-coded plastic disc: adhesive (epoxy) sealed source. Active dia: ~6 mm

GAMMA REFERENCE SOURCES – ROD TYPE

S.No.	PRODUCT CODE
1.	GRS-1 (Ba-133)
2.	GRS-2 (Cs-137)
3.	GRS-3 (Co-57)
4.	GRS-4 (Co-60)
5.	GRS-5 (Mn-54)
6.	GRS-6 (Simulated I-131)
7.	GRS-7 (Na-22)
8.	GRS-8 (Cr-51)
9.	GRS-9 (Hg-203)
10.	GRS-10 (Zn-65)
11.	GRS-11 (I-131)
12.	GRS-13 (Eu-152)

GRS - Gamma Rod Source.

Evaporated source at the end of 12 mm dia X 100 mm length (OD) color coded plastic rod: adhesive (epoxy) sealed source. Active dia: ~6 mm

X-RAY & LOW ENERGY GAMMA REFERENCE SOURCES

S.No.	PRODUCT CODE
1.	BAX-1 (Ba-133)
2.	COX-1 (Co-57)
3.	FEX-1 (Fe-55)
4.	IOX-1 (I-125)
5.	SNX-1 (Sn-113)

X-Ray & Low Energy Gamma source at the centre of 25 mm dia X 5 mm thick (OD) plastic disc: adhesive (epoxy) evaporated sealed source covered with suitable Mylar film window. Active dia: ~6mm.

ALPHA REFERENCE SOURCE

S.No.	PRODUCT CODE	Description
1.	AMS-1	Electrodeposited ²⁴¹ Americium α reference source upto 0.2 μ Ci

Electrodeposited on S.S. planchette of 25 mm dia x 5 mm thick.
Active dimension: 10 mm dia.

Beta & Gamma Reference Source Kits - Disc Type

Sr. No.	Code	Product Description	Activity Per Source
1.	BDB-1	Box containing a set of 5 Beta Disc Sources and on Dummy Source	Upto 0.3 μ Ci
2.	GDB-1	Box containing a set of 6 Gamma Disc Sources	Upto 3 μ Ci

- Beta Disc Source: Beta Source at the centre of 25 mm dia x 5 mm (OD) thick plastic disc source holder with suitable window.

2. Gamma Disc Source: Evaporated source at the centre of 25 mm dia x 5 mm thick (OD) colour coded plastic disc adhesive (epoxy) sealed sources. Active dia: ~ 6 mm.
3. Packing, forwarding & freight charges will be levied at actuals.

For More Information Contact :

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