

BETA REFERENCE STANDARD SET

TYPE: BS 280

Technical Data

Beta Reference Standard Set Type: BS280 consists of a set of FIVE Beta sources evaporated and sealed on 25mm dia x 5mm plastic disc covering FIVE photopeak energies with activity in the range of 0.1 to 0.4 micro curie. A reference chart for this is given below. The accuracy of these sources is in the range of +/-10%. All these discs sources are enclosed in a neatly polished wooden box.



Isotope	Energy MeV	Nominal Activity	Half life
Co-60	0.315 (99.74%)	0.1-0.3 μ ci	5.27 Years
Sr90+Yt-90	0.546 (100%)	0.1-0.3 μ ci	28.5 Years
Tl-204	0.770 (98%)	0.1-0.3 μ ci	4 Years
Pm-147	0.2245 (100%)	0.1-0.3 μ ci	2.62 Years
Dummy	-	-	-