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Product Specifications



Catalogue Number	47224
Product	Samarium oxide micron powder (3-5 micron)
CAS Number	12060-58-1
Molecular Formula	Sm ₂ O ₃
Molecular Weight	348.72

Appearance	Off-white powder
Mesh Size	APS 3 - 5 micron
Related Substances	Rare earth content : Pr ₆ O ₁₁ : ≤ 95 ppm, Eu ₂ O ₃ : ≤ 109 ppm, Nd ₂ O ₃ : ≤ 155 ppm, Gd ₂ O ₃ : ≤ 113 ppm Y ₂ O ₃ : ≤ 86 ppm Non-rare earth content : Fe ₂ O ₃ : ≤ 34 ppm, SiO ₂ : ≤ 103 ppm, CaO : ≤ 124 ppm, Chloride : ≤ 99 ppm
Assay by titration	≥ 99.9%
Storage	Store at RT

For Laboratory Use Only