

Specification Sheet

Samarium Metal Organic Framework

Stock No: NS6130-12-000897, CAS: 7440-19-9

Product	:	Samarium Metal Organic Framework
Stock No.	:	NS6130-12-000897
CAS	:	7440-19-9
Purity	:	99%
APS	:	30-40 μ m
Molecular Formula	:	Sm(NO ₃) ₃ ·6H ₂ O
Molecular Weight	:	158.925 g/mol
Pore Size	:	~10Å
Density	:	0.35 g/cm ³
Odor	:	Odorless
Color	:	White
SSA	:	~1300 m ² /g (BET)
Linker	:	1,4 H ₂ BDC (Terephthalic acid)
Application	:	adsorbing dyes and fluorescence detecting aromatic pollutants
Solubility	:	Ethanol
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time