

Specification Sheet

Dysprosium Metal Organic Framework

Stock No: NS6130-12-000889, CAS: 7429-91-6

Product	:	Dysprosium Metal Organic Framework
Stock No.	:	NS6130-12-000889
CAS	:	7429-91-6
Purity	:	99%
APS	:	30-40 μ m
Molecular Formula	:	Dy(pyda) ₃ Ca _{1.5} (H ₂ O) ₆ \square 5.5H ₂ O (1)
Molecular Weight	:	158.925 g/mol
Pore Size	:	~10 \AA
Density	:	0.35 g/ cm ³
Odor	:	Odorless
Color	:	Greenish-yellow
SSA	:	~1300 m ² /g (BET)
Linker	:	H3B Dy (1,3,5-tris(4-carboxyphenyl)benzene)
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