

Specification Sheet

Copper Metal Organic Framework

(Cu (HKUST-1), Purity: 99%, APS: 30-40 μ m)

Stock No: NS6130-12-000876, CAS: 7440-50-8

Product	:	Copper Metal Organic Framework
Synonyms	:	HKUST-1 (Cu)
Stock No.	:	NS6130-12-000876
CAS	:	7440-50-8
Purity	:	99%
APS	:	30-40 μ m
Molecular Formula	:	C ₁₈ H ₆ Cu ₃ O ₁₂
Molecular Weight	:	604.87 g/ mol
Pore Size	:	~10Å
Density	:	0.35 g/ cm ³
Odor	:	Odorless
SSA	:	~1300 m ² /g (BET)
Linker	:	Benzene-1, 3, 5-tricarboxylic acid (H ₃ BTC) and 4, 4', 4'', s-triazine-3, 4, 6- triyltribenzoic acid (H ₃ TATB)
Solubility	:	Ethanol
Application	:	Gas Separation, Gas Storage, Drug Delivery, Catalysis and Sensing
Main Inspect Verifier	:	Manager QC

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

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