



Cuprous Oxide, red

Technical material, 88 % copper

Cu₂O CAS No. 1317-39-1

Cuprous oxide as manufactured by Cosaco GmbH is used as an active ingredient for antifouling paints.

Parameter	Method	Unit	Value
Cuprous oxide, Cu ₂ O	ASTM D 283-84	%	≥ 97
Total copper, calculated as Cu	ASTM D 283-84	%	≥ 86
Total reducing power as cuprous oxide, Cu ₂ O	ASTM D 283-84	%	≥ 97
Cupric oxide, CuO	ASTM D 283-84	%	≤ 1
Metals other than copper	ASTM D 283-84	%	≤ 0.5
Combined chlorides, calculated as Cl, and sulfates, calculated as SO ₄	ASTM D 283-84	%	≤ 0.5
Acetone-soluble matter	ASTM D 283-84	%	≤ 0.5
Stability, decrease in total reducing power after stability test	ASTM D 283-84	%	≤ 2.0
Coarse particles (total residue retained on a No. 325 (45 µm) sieve)	ASTM D 185-84	%	≤ 0.01
Total nitric acid insoluble residue on a No. 200 (75 µm) sieve	ASTM D 283-84	%	≤ 0.1

The above data is checked on a regular basis according to our Quality Management Procedure. This does not relieve the purchaser from examining the product upon delivery. Data is given as a technical description of this product and does not constitute expressed warranties in legal terms or warranties in regard of fitness for a particular purpose.

Created	Checked	Approved	Version
Development Manager	Production Leader Hamburg Operations	Director of Operations	3.88.TCADV. 02.22
U. Warncke	M. Sommerfeld	C. Kiebert	
January 26 th , 2022	January 27 th , 2022	January 31 st , 2022	