

## Copper (II) oxide, Hi-AR®/ACS

**GRM732**


### Product Identifier

CAS No.	:	1317-38-0
EC No.	:	215-269-1
Molecular Formula	:	CuO
Molecular Weight	:	79.55
Synonym	:	Cupric oxide
HS Code	:	2825 50 00
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Dark grey to black or brownish black powder
Solubility	:	33.3 mg soluble in 1 mL of hydrochloric acid
Insoluble in dilute hydrochloric acid	:	<= 0.02%
Calcium (Ca)	:	<= 0.01%
Chloride (Cl)	:	<= 0.005%
Carbon compounds (as Cl)	:	<= 0.01%
Iron (Fe)	:	<= 0.05%
Nitrogen compounds (N)	:	<= 0.002%
Potassium (K)	:	<= 0.02%
Sodium (Na)	:	<= 0.05%
Sulfate (SO <sub>4</sub> )	:	<= 0.02%
Assay (EDTA Titration/Iodometry)	:	99.00 - 102.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H410
Precautionary Statement(s)	:	P273- P391- P501
UN No.	:	3077
Class	:	9
Packing Group	:	III
RTECS	:	GL7900000
WGK	:	3