

GRM675 Copper (II) nitrate trihydrate, Hi-AR™/ACS

Product Number Packing

GRM675 : 500G

Product Information

Product Code : GRM675
 Product Name : Copper (II) nitrate trihydrate, Hi-AR™/ACS
 Synonym : Cupric nitrate trihydrate, Hi-AR™/ACS
 Molecular Formula : $Cu(NO_3)_2 \cdot 3H_2O$
 Molecular Weight : 241.60
 CAS No. : 10031-43-3
 EC No. : 221-838-5
 HS Code : 2834 29 40
 Shelf Life : 4 years

Technical Specification

Appearance : Blue to very dark blue hygroscopic crystals or powder or chunks
 Solubility : 1000 mg soluble in 1 mL of water
 pH (5% in water at 25°C) : 2.80 - 4.00
 Bismuth (Bi) : $\leq 0.001\%$
 Calcium (Ca) : $\leq 0.002\%$
 Chloride (Cl) : $\leq 0.001\%$
 Iron (Fe) : $\leq 0.005\%$
 Lead (Pb) : $\leq 0.001\%$
 Magnesium (Mg) : $\leq 0.002\%$
 Nickel (Ni) : $\leq 0.002\%$
 Potassium (K) : $\leq 0.005\%$
 Sodium (Na) : $\leq 0.005\%$
 Sulfate (SO_4) : $\leq 0.0025\%$
 Water insoluble matter : $\leq 0.003\%$
 Zinc (Zn) : $\leq 0.001\%$
 Assay (Iodometry) : 99.50 - 104.00%

GHS Safety Information

Hazard Statement(s) : H272-H302-H315-H318-H400
 Precautionary Statement(s) : P220-P273-P280-P305+P351+P338
 Signal Word : Danger
 Hazard Pictogram(s)



Risk and Safety Information

R-Phrase(s) : 8-22-34

S-Phrase(s) : 17-26-36/37/39-45
WGK : 3
RTECS : GL7875000
Storage Temperature(°C) : Store below 30°C
Hazard Symbol(s)



Transport Information

UN No. : 3085
Class : 5.1
Packaging Group : 2
Marine Pollutant : No
ADR/RID : 3085 5.1/PG 2
IMDG : 3085 5.1/PG 2
IATA : 3085 5.1/PG 2