



# Product Specification

## Product Name: COPPER(II) NITRATE 2.5-Hydrate AR

Alternate Name(s) Cupric nitrate; gehardite.

### Description

Deep blue fine crystals.

### Properties

Chemical Formula:

Molecular Weight: 232.59

Product Code: CA059

CAS No. 19004-19-4

### General Information:

Deliquescent; soluble in water, alcohol. Moderately toxic. Oxidizing material; in contact with organic materials it may cause violent combustion or explosion.

### Hazard and Safety Data

### Quality Specification

Assay: 98.0 - 102.0%

### Specific Properties and Impurities [Typical levels]:

Identification	Complies
Insoluble matter (in dilute HNO <sub>3</sub> )	≤ 0.01%
Chloride (Cl)	≤ 0.002%
Sulfate (SO <sub>4</sub> )	≤ 0.005%
Calcium (Ca)	≤ 0.005%
Iron (Fe)	≤ 0.002%
Lead (Pb)	≤ 0.001%
Nickel (Ni)	≤ 0.01%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.01%

UN Group:	II
Class:	8
UN Number:	3260
Hazchem code:	2X
CS MSDS Code:	1CH29
Poison schedule:	S6
Emergency Procedure Guide No.:	31

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