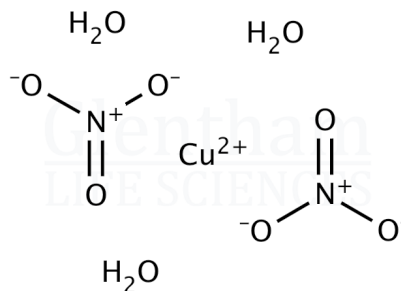


Certificate of Analysis

Product Name	Copper(II) nitrate trihydrate
Glentham Code	GX6874
CAS Number	10031-43-3
EINECS	221-838-5
MDL Number	MFCD00149671
Additional CAS	3251-23-8 (anhydr.)
Batch Number	298BZD
Molecular Weight	241.60
Molecular Formula	$\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification	Batch 298BZD
Physical Description	Blue crystals or crystalline powder	Blue crystalline powder
Solubility (10% in water)	Clear, blue solution	Conforms
Water Insoluble Matter	≤ 0.01%	Conforms
Chloride (Cl)	≤ 200ppm	≤ 20ppm
Sulphate (SO4)	≤ 200ppm	≤ 100ppm
Calcium (Ca)	≤ 50ppm	3ppm
Cobalt (Co)	≤ 25ppm	1.5ppm
Iron (Fe)	≤ 25ppm	5ppm
Lead (Pb)	≤ 50ppm	≤ 1ppm
Magnesium (Mg)	≤ 25ppm	0.7ppm
Nickel (Ni)	≤ 100ppm	7ppm
Potassium (K)	≤ 50ppm	2ppm
Sodium (Na)	≤ 100ppm	3ppm
Zinc (Zn)	≤ 25ppm	≤ 1ppm
Assay	99.0 - 102.0 % ($\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$)	101.7%

Specification Version	v1.1
Manufacture Date	2021-03-02
Re-Test Date	2029-02-25

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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