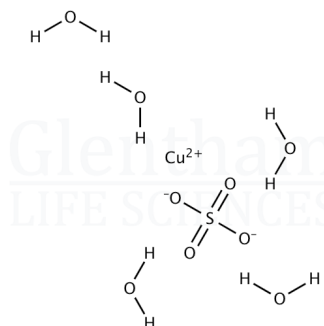


Certificate of Analysis

Product Name	Copper(II) sulfate pentahydrate, 99%, Ph. Eur. grade
Glenthams Code	GK6560
CAS Number	7758-99-8
EINECS	231-847-6
MDL Number	MFCD00149681
Batch Number	645ZXI
Molecular Weight	249.68
Molecular Formula	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification	Batch 645ZXI
Physical Description	Blue crystalline powder or clear blue crystals	Blue crystalline powder
Identification	To pass tests A, C	Conforms
Solubility (5% in water)	Clear solution	Conforms
Chlorides	$\leq 100\text{ppm}$	$\leq 5\text{ppm}$
Iron (Fe)	$\leq 100\text{ppm}$	6ppm
Lead (Pb)	$\leq 3\text{ppm}$	$\leq 1\text{ppm}$
Arsenic (As)	$\leq 1\text{ppm}$	Conforms
Cadmium (Cd)	$\leq 1\text{ppm}$	Conforms
Mercury (Hg)	$\leq 0.1\text{ppm}$	Conforms
Loss on Drying	35.0 - 36.5 % (250 $\pm$ 10 °C, Identification B)	35.5%
Assay	99.0 - 101.0 %	100.5%
Pharmacopoeia Specification(s)	Ph. Eur.	Conforms

Specification Version	v1.0
Manufacture Date	2021-11-30
Re-Test Date	2029-03-02

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

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