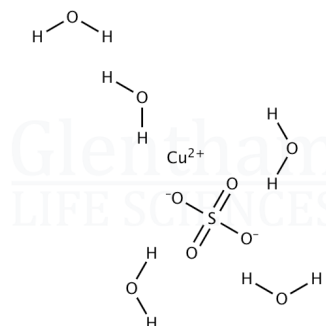


Product Specification

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
Molecular Weight	249.68
Molecular Formula	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
Storage Temp.	+20°C



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

Specification Version	-	v1.0
Date Created	-	2018-09-05

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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