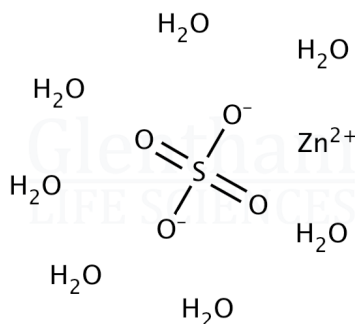


Certificate of Analysis

Product Name	Zinc sulfate heptahydrate, EP grade
Glenthams Code	GK8729
CAS Number	7446-20-0
EINECS	231-793-3
MDL Number	MFCD00149894
PubChem SID	310281911
Additional CAS	7446-19-7 ($\cdot\text{H}_2\text{O}$)
Additional CAS	7733-02-0 (anhydr.)
Batch Number	394PAQ



Molecular Weight	287.54
Molecular Formula	$\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$
Storage Temp.	+20°C

Property	Specification	Batch 394PAQ
Physical Description	White crystalline powder or colourless crystals	White crystalline powder
Identification	According to EP	Conforms
Solubility (5% in water)	Clear, colourless solution	Conforms
pH (5% in water)	4.4 - 5.6	5.2
Chloride (Cl)	$\leq 300\text{ppm}$	$< 300\text{ppm}$
Iron (Fe)	$\leq 100\text{ppm}$	$< 100\text{ppm}$
Lead (Pb)	$\leq 3\text{ppm}$	$< 1\text{ppm}$
Cadmium (Cd)	$\leq 1\text{ppm}$	$< 0.1\text{ppm}$
Mercury (Hg)	$\leq 0.1\text{ppm}$	$< 0.1\text{ppm}$
Arsenic (As)	$\leq 1\text{ppm}$	$< 0.1\text{ppm}$
Assay	99.0 - 104.0 % ($\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$)	99.9%
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version	v1.0
Manufacture Date	2022-09-01
Re-Test Date	2030-12-07

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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