



Specification

Zinc Sulfate Monohydrate USP/EP/BP

Catalog Number: ZS1003
CAS Number: 7446-19-7
Molecular Formula: $\text{ZnSO}_4 \cdot \text{H}_2\text{O}$
Molecular Weight: 179.46
Storage: 15°C – 30°C
Retest Date: Five years after date of manufacture

Test	Specification
Appearance	White crystalline powder
Assay	99.0 – 100.5%
Identification	
A	To pass test
B	To pass test
C	To pass test
Solubility (5% solution)	Clear & colorless
Acidity	To pass test
Alkalies and alkaline earth	≤ 0.5%
Chloride	≤ 300ppm
Arsenic (As)	≤ 14ppm
Cadmium (Cd)	≤ 5mg/kg
Lead (Pb)	≤ 4mg/kg
Mercury (Hg)	≤ 5mg/kg
Selenium (Se)	≤ 0.003%

Approved by:

Date: November 6, 2019

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