



Specification

Zinc Nitrate Hexahydrate ACS/CAS

Catalog Number: ZN1001
Lot Number: 0516706
CAS Number: 10196-18-6
Molecular Formula: $\text{Zn}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$
Molecular Weight: 297.49
Storage: 15°C – 30°C
Retest Period: Five years from the date of manufacture.

Test	Specification
Appearance	Colorless to white crystal
Assay	≥ 99.0%
Identification	To pass test
Solubility (10% in H ₂ O)	Clear to slightly hazy & colorless
Acidity	≤ 0.03%
Insoluble Matter	≤ 0.005%
Chloride	≤ 0.005%
Phosphate	≤ 0.001%
Sulfate	≤ 0.01%
Calcium	≤ 0.06%
Iron	≤ 0.001%
Lead	≤ 0.005%
Magnesium	≤ 0.01%
Potassium	≤ 0.02%
Sodium	≤ 0.05%

Approved:

Date: September 25, 2018

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