

Epsom Salt

2019-03-13

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K+S Batch No.: 2119000012
 Manufact. Date: 2019-02-23
 Date of minimum durability: 2024-02-23
 K+S Specification: 74961 359-2 (S02)

General information:

Chemical Name: Magnesium Sulphate Heptahydrate

Characters: colorless crystal or a granular crystalline powder

Solubility: readily soluble in water, slowly soluble in glycerine, and sparingly soluble in alcohol

Parameter	Method of Analysis	Result	Specification
Assay (Dried Basis)	calculated	99.5 %	≥ 99.5 %
Loss on Ignition	gravimetry	50.8 %	40.0 .. 52.0 %
Identity Reaction	ICP-AES	corresponds	o.K.
Lead *)	DIN EN ISO 17294-2 (MgSO ₄)	<4 mg/kg	≤ 4 mg/kg
Selenium*)	DIN EN ISO 17294-2 (MgSO ₄)	<30 mg/kg	≤ 30 mg/kg
Magnesium Sulphate	calculated	49.0 %	%
Sodium	ICP-AES	0.002 %	%
Potassium	ICP-AES	0.097 %	%
Calcium	ICP-AES	0.001 %	%
Chloride	volumetry	0.004 %	%

*) not tested on each batch