



Certificate of Analysis

Epsom Salt

chemically pure, FCC

2021-05-07
Werk Werra, Standort HA
Janine Adler
Quality Control
06620/791377
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Manufacturer:	K+S Minerals and Agriculture GmbH	K+S Batch No.:	2120000125
K+S Order No.:	7100139980	Manufact. Date:	2020-09-10
Delivery /-Item No.:	7200323779 / 000010	Date of minimum durability:	2025-09-10
Quantity:	21 TO	K+S Specification:	74960 359-2 (S02)
Loading date:	2021-05-06		
Cust. Order No.:	PO 21826/20		

General information:

Manufacturer's address: Bertha-von-Suttner-Str. 7, 34131 Kassel, Germany

Manufacturing site's address: Hattorfer Str., 36269 Philippsthal, Germany

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

CO181

Parameter	Method of Analysis	Result	Specification
Assay (Dried Basis)	calculated	99.8 %	>= 99.5 %
Loss on Ignition	gravimetry	50.7 %	40.0 .. 52.0 %
Identity Reaction	ICP - AES	corresponds	o.K.
Lead *)	DIN EN ISO 17294-2 (MgSO4)	<4 mg/kg	<= 4 mg/kg
Selenium *)	DIN EN ISO 17294-2 (MgSO4)	<30 mg/kg	<= 30 mg/kg
Magnesium Sulphate	calculated	49.2 %	%
Sodium	ICP - AES	0.005 %	%
Potassium	ICP - AES	0.030 %	%
Calcium	ICP - AES	0.001 %	%
Chloride	volumetry	0.007 %	%

*) not tested on each batch

Electronically released by Janine Adler on 2020-09-15

This certificate does not relieve the purchaser from examining the product upon delivery and gives no assurance of suitability of the product for any particular purpose.