

**Epsom Salt**  
chemically pure, FCC



The Authority in Potassium and Magnesium

2016-09-28  
Werk Werra, Standort HA  
Risse, Martin  
Quality Control  
06620/791377  
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Manufacturer:	K+S KALI GmbH	K+S Batch No.:	2116000042
K+S Order No.:	4000598821	Manufact. Date:	2016-08-18
Cust. Order No.:	00021521 Lot 3	Date of minimum	
Delivery /-Item No.:	4101457277 / 000010	durability:	2021-08-18
Quantity:	19,250 TO	K+S Specification:	74960 359-2 (S02)
Shipping date:	2016-09-28		

**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

Parameter	Method of Analysis	Result	Specification
Assay (Dried Basis)	calculated	99.9 %	>= 99.5 %
Loss on Ignition	gravimetry	50.8 %	40.0 .. 52.0 %
Lead *)	DIN EN ISO 17294-2 (MgSO <sub>4</sub> )	<4 mg/kg	<= 4 mg/kg
Selenium *)	DIN EN ISO 17294-2 (MgSO <sub>4</sub> )	<30 mg/kg	<= 30 mg/kg
Magnesium Sulphate	calculated	49.2 %	%
Sodium	ICP - AES	0.001 %	%
Potassium	ICP - AES	0.029 %	%
Calcium	ICP - AES	0.001 %	%
Chloride	volumetry	0.003 %	%
Identity Reaction		corresponds	o.K.

\*) not tested on each batch

Electronically released by Risse, Martin on 2016-08-23

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.