



Epsom Salt

chemically pure, FCC

2021-05-10
Werk Werra, Standort HA
Janine Adler
Quality Control

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Order No.:	7100202400	Batch No.:	2121000143
Delivery /-Item No.:	7200470964 / 000010	Manufact. Date:	2021-10-14
Quantity:	24 TO	Date of minimum durability:	2026-10-14
Loading date:	2021-11-08	Specification:	74961 359-2 (S02)
Cust. Order No.:	124737		

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

<u>Parameter</u>	<u>Method of Analysis</u>	<u>Result</u>	<u>Specification</u>
<u>Assay (Dried Basis)</u>	calculated	99.8 %	>= 99.5 %
<u>Loss on Ignition</u>	gravimetry	50.7 %	40.0 .. 52.0 %
<u>Identity Reaction</u>	ICP - AES	corresponds	o.K.
<u>Lead *)</u>	DIN EN ISO 17294-2 (MgSO ₄)	<4 mg/kg	<= 4 mg/kg
<u>Selenium *)</u>	DIN EN ISO 17294-2 (MgSO ₄)	<30 mg/kg	<= 30 mg/kg
<u>Magnesium Sulphate</u>	calculated	49.2 %	%
<u>Sodium</u>	ICP - AES	0.002 %	%
<u>Potassium</u>	ICP - AES	0.037 %	%
<u>Calcium</u>	ICP - AES	0.001 %	%
<u>Chloride</u>	volumetry	0.004 %	%

*) not tested on each batch