



CERTIFICATE OF ANALYSIS

Magnesium Chloride Hexahydrate 454g

LOT number: M4139

Raw material 13.12.2022 Expiry date: 13.12.2025
manufacturing date:

Parameter	Specification	Result of inspection
Identity	A: Water B: Chloride C: Magnesium	complies complies complies
Appearance of solution 5%	Clear and colourless	complies
Assay	99.0 - 101.0 %	100.4 %
Acidity or alkalinity	NMT 0.3 mL of 0.01M HCl/NaOH	complies
Insoluble matters in H ₂ O	Max. 0.005 %	<0.005 %
pH (50 mg/ml)	5.0 - 7.0	5.6
Bromide	Max. 500 ppm	<500 ppm
Arsenic	Max. 0.5 ppm	<0.5 ppm
Iron	Max. 5 ppm	<5 ppm
Potassium	Max. 500 ppm	<500 ppm
Ammonium	Max. 50 ppm	<50 ppm
Water content	51.0 - 55.0 %	53.4 %
Barium	Corresponds to test	complies
Lead	Max. 1 ppm	<1 ppm
Sulphate	Max. 50 ppm	<50 ppm
Aluminium	Max. 0.5 ppm	<0.5 ppm
Calcium	Max. 100 ppm	<100 ppm
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Mercury	Max. 1 ppm	<1 ppm
Colour (Merck Colour-Test)	Max. 30	<30

All specifications are as provided by the original manufacturer. They don't imply any exemption from identifying and inspecting the product before its use, the final user being fully responsible for the adoption and the correct usage of the product.

Made by: Head of packing

Sebastjan Piberčnik

Reviewed by: Director

Tomaz Stanovnik