Rocky Mountain Reagents
SCIENTIFIC SOLUTIONS SINCE 1951

CERTIFICATE OF ANALYSIS

Product:	**Magnesium Sulfate, Heptahydrate, USP Grade (Epsom Salts)**		
Catalog Number:	**M1033**	**Lot Number:**	**772725**
Manufacture Date:	**09/11/25**	**Expiration Date:**	**09/11/28**
CAS #:	**10034-99-8**	**Chemical Formula:**	**$MgSO_4 \cdot 7H_2O$**
Formula Weight:	**246.47**	**Density:**	**1.67 kg/L**

METHOD	TEST	LOWER	UPPER	Test Results
VISUAL	Appearance	~~	~~	Clear
USP 43	Limit of Chloride <221>	~~	140 ppm	<140ppm
USP 43	Limit of Iron <241>	~~	20 ppm	<20ppm
USP 43	Selenium <291>	~~	30 ppm	<30ppm
USP 43	Heavy Metals (as Pb) <231>	~~	10 ppm	<10ppm
USP 43	pH (5% Solution) <791>	5.0	9.2	6.43
USP 43	Loss on Ignition <733>	40.0	52.0	50.90
USP 43	Assay, % $MgSO_4$ (Dry Basis)	99.0	100.5	100.30
Calculated from Assay & LOI	% $MgSO_4$ (As Is Basis)	47.52	60.3	49.2
USP 43	ID, Magnesium <191>	~~	~~	Pass
USP 43	ID, Sulfate <191>	~~	~~	Pass

It is certified on 03/19/26 that the above is a true copy of the actual lot analysis.

Grant Christen
Quality Systems and Regulatory Affairs
Rocky Mountain Reagents, Inc.

NOTICE: The information above is presented for your consideration in the belief that it is accurate and reliable; certain data have been supplied by third parties. Rocky Mountain Reagents, Inc. expressly disclaims all warranties, either expressed or implied, including the warranties of accuracy, merchantability, and fitness for a particular purpose. Applicability or suitability of the product for a particular use is the responsibility of the purchaser. Expiration and/or retest dates are dependent upon appropriate storage and handling of materials as specified on the label or SDS. Products for which no expiration date is provided have unlimited shelf life when stored appropriately.