

### Certificate of Analysis

**Product: Magnesium Nitrate, 66.7%**

**Item Number: C5048**

**Grade: Lab**

**Lot Number: 240222-A**

**Manufacture Date: 02/22/2024**

**Expiration Date: 02/21/2026**

**Country of Origin: United States**

Tested Property	Specification	Analysis
Assay ( $\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$ )	66.2-67.2%	66.7%
Magnesium Nitrate ( $\text{Mg}(\text{NO}_3)_2$ )	38.2-38.6%	38.4%
Magnesium	6.2-6.4%	6.3%
ph of a 5% Solution @ 25°C	3.0-4.5	Complies
Specific Gravity	1.348-1.352	1.350
Salt-out temperature	21°F (-6.1°C)	Complies
Color	Clear to yellowish	Conforms
Odor	Odorless	Conforms
Heavy Metals (as Pb)	≤20 ppm	<20 ppm
Insolubles	≤0.01%	<0.01%

#### Magnesium Nitrate, 66.7%

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