

## Certificate of Analysis

Date of Testing: 2024-01-02 09:48:59  
Date of Next Testing: 2027-01-01 09:48:59  
Product Name: **Trimagnesium dicitrate**  
CAS Number: 3344-18-1  
Specifications & Purity: Analytical Reagent  
Lot #: D2112137  
SKU #: **T299366**  
Analysis: **309854**

Parameter	Limit Values	Result
Sulfate(SO42-)	0-500 (ppm)	0.00 ppm
Chloride (Cl-)	0-50 (ppm)	49.96 ppm
Iron(Fe)	0-200 (ppm)	2.00 ppm
Assay(Mg) (as dried basis)	14.5-16.4 (%)	16.37 %
Water	0-2 (%)	1.83 %
Heavy metals	0-20 (ppm)	10.00 ppm
Calcium(Ca)	0-0.2 (%)	0.01 %
Appearance (T299366)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager