

## Certificate of Analysis

Date of Testing: 2022-09-12 11:04:06  
Date of Next Testing: 2026-09-11 11:04:06  
Product Name: **Magnesium chloride**  
CAS Number: 7786-30-3  
Specifications & Purity: Ultra dry, 99.9% metals basis  
Lot #: I2209027  
SKU #: **M283899**  
**Analysis: 133413**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity Based on Trace Metals Impurities	99.9-100 (%)	99.99%
total metallic impurities(by ICP Atomic emission)	0-2000 (ppm)	60.00 ppm
Water by Karl Fischer	0-100 (ppm)	4.00 ppm
Appearance(M283899)	White Powder or granules	White Powder or Granules
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP: Confirms Magnesium Component	Confirmed	Confirmed



John Su  
QA & QC Manager