

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-06-05 13:57:25

Date of Next Testing: 2029-06-04 13:57:25

Product Name: **Manganese carbonate**

CAS Number: 598-62-9

Specifications & Purity: AR

Lot #: E2529093

SKU #: **S55637**

Version: **0**

Analysis #: **521454**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	0-0.1 (%)	0.00 %
Iron(Fe)	0-0.003 (ppm)	0.00 ppm
Insoluble matter in HNO ₃	0-0.1 (%)	0.00 %
Alkali and alkali earth metals	0-0.1 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.1 (%)	0.00 %
Zinc(Zn)	0-0.02 (%)	0.00 %
Chloride (Cl ⁻)	0-0.05 (%)	0.00 %
Heavy metal (as Pb)	0-0.002 (ppm)	0.00 ppm
Mn(Complexometric EDTA)	44-48 (%)	44.23 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

