

## Certificate of Analysis

Date of Testing: 2023-02-25 17:38:59  
Date of Next Testing: 2026-02-24 17:38:59  
Product Name: **Manganese(II) bromide**  
CAS Number: 13446-03-2  
Specifications & Purity: 98%  
Lot #: B2323582  
SKU #: **M190623**  
**Analysis:** **161281**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.28 %
Mn(Complexometric EDTA)	24.9-26.2 (%)	25.86 %
Purity(Titration by AgNO3)	98-102.5 (%)	100.83 %
Appearance (M190623)	Pink Crystals or Powder and/or Chunks	Pink Crystals or Powder and/or Chunks
ICP:Confirms Manganese Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager