

## Certificate of Analysis

Date of Testing: 2023-11-23 11:47:20  
Date of Next Testing: 2026-11-22 11:47:20  
Product Name: **Manganese(II) bromide**  
CAS Number: 13446-03-2  
Specifications & Purity: 98%  
Lot #: K2317142  
SKU #: **M190623**  
**Analysis:** **293035**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.24 %
Mn(Complexometric EDTA)	24.9-26.2 (%)	25.33 %
Purity(Titration by AgNO3)	98-102.5 (%)	99.30 %
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