

## Certificate of Analysis

Date of Testing: 2023-11-23 11:55:38  
Date of Next Testing: 2026-11-22 11:55:38  
Product Name: **Manganese(II) bromide**  
CAS Number: 13446-03-2  
Specifications & Purity: 98%  
Lot #: K2317140  
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                 |



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