

## Certificate of Analysis

Date of Testing: 2023-01-30 13:32:13

Date of Next Testing: 2027-01-29 13:32:13

Product Name: **Manganese sulfate monohydrate**

CAS Number: 10034-96-5

Specifications & Purity: 99.99% metals basis

Lot #: A2314230

SKU #: **M111711**

Version **0**

Analysis #: **172890**

| Parameter                                       | Limit Values              | Result                    |
|-------------------------------------------------|---------------------------|---------------------------|
| loss on ignition(700°C)                         | 10-12 (%)                 | 11.00 %                   |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)             | 99.99 %                   |
| Total Metallic Impuritie                        | 0-200 (ppm)               | 99.00 ppm                 |
| Appearance (M111711)                            | White to Pale Pink Powder | White to Pale Pink Powder |
| ICP:Confirms Manganese Component                | Confirmed                 | Confirmed                 |
| X-Ray Diffraction                               | Conforms to Structure     | Conforms to Structure     |



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