

## Certificate of Analysis

Date of Testing: 2024-05-29 15:01:03

Date of Next Testing: 2027-05-29 15:01:03

Product Name: **Potassium manganate**

CAS Number: 10294-64-1

Specifications & Purity:

Lot #: E2427183

SKU #: **P340183**

Version: **2**

Analysis #: **359271**

Storage Temperature: Room temperature, Argon charged

| Parameter                                            | Limit Values                                                                | Result                                                                      |
|------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| MnO <sub>4</sub> (Titration with KMnO <sub>4</sub> ) | 51.2-102.5 (%)                                                              | 59.10000 %                                                                  |
| X-Ray Diffraction                                    | Conforms to Structure                                                       | Conforms to Structure                                                       |
| Appearance(P340183)                                  | Dark purple to dark green to black Powder or crystalline powder or crystals | Dark purple to dark green to black Powder or crystalline powder or crystals |
| ICP:Confirms Potassium and Manganese Components      | Confirmed                                                                   | Confirmed                                                                   |



John Su  
QA & QC Manager