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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Manganese (II) Chloride 4H<sub>2</sub>O**  
**Batch No.** : **225578**  
**Date of Mfg** : **April 2022**  
**Date of Exp** : **March 2027**  
**Register No.** : **2022-23**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **April 2022**

| S. No | Test Parameters | Observed Values                                | Standard Values                         |
|-------|-----------------|--|---|
| 1.    | Description     | Passes   | Pink deliquescent<br>Crystalline powder |
| 2.    | Assay           | 99.15%<br>MnCl <sub>2</sub> .4H <sub>2</sub> O | Min.98%                                 |
| 3.    | Sulphate        | 0.001%   | Max.0.05%                               |
| 4.    | Barium          | 0.0065%  | Max.0.05%                               |
| 5.    | Iron            | 0.0005%  | Max.0.005%                              |
| 6.    | Potassium       | 0.001%   | Max.0.025%                              |
| 7.    | Sodium          | 0.015%   | Max.0.05%                               |
| 8.    | Zinc            | 0.002%   | Max.0.05%                               |

**Chief Chemist**