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CERTIFICATE OF ANALYSIS

Name of the Sample : Manganese (II) Chloride AR
Batch No. : 224281
Date of Mfg : Nov 2020
Date of Exp : Oct 2025
Register No. : 2020-21
Qty of Sample : 500gm
Date of Analysis : Nov 2020

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Pink Deliquescent crystalline powder
2.	Assay	99.55% $MnCl_2 \cdot 4H_2O$	Min.98.0%
3.	Water insoluble matter	0.002%	Max.0.003%
4.	Sulphate	0.001%	Max.0.002%
5.	Barium	0.005%	Max.0.005%
6.	Copper	0.0002%	Max.0.0002%
7.	Iron	0.0002%	Max.0.0005%
8.	Lead	0.0002%	Max.0.0002%
9.	Magnesium	0.005%	Max.0.005%
10.	Nickel	0.002%	Max.0.002%
11.	Potassium	0.002%	Max.0.005%
12.	Sodium	0.002%	Max.0.005%
13.	Zinc	0.001%	Max.0.001%
14.	Oxidising substances	Passes	No Reaction
15.	Substances reducing Iodine	0.0025%	Max.0.0065%

Chief Chemist