



CERTIFICATE OF ANALYSIS

Date: 23/12/13

PRODUCT NAME : MANGANESE (II) CHLORIDE (TETRAHYDRATE) PURIFIED

CAS No : 13446-34-9
Mol. Formula : $MnCl_2 \cdot 4H_2O$
Mol. WT : 197.90

Product code : 15590
Batch No : MCR-7528
Mfd. : Dec. 2013

S. R	Test	Specification	Observation
1	Assay	97-101 % w/w	99.29 % w/w
2	Sulphate (SO ₄)	0.05% max	<0.05%
3	Barium (Ba)	0.05% max	<0.05%
4	Iron (Fe)	0.005% max	<0.005%
5	Potassium (K)	0.025% max	<0.025%
6	Sodium (Na)	0.05% max	<0.05%
7	Zinc (Zn)	0.05% max	<0.05%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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