

Manganous Chloride, 4-Hydrate, Crystal
BAKER ANALYZED® A.C.S. Reagent

(manganese(II) chloride, tetrahydrate)



Material No.: 2540-01
Batch No.: 0000280347
Manufactured Date: 2019/09/13
Expiration Date: 2022/09/12
Revision No: 1

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS – Assay (MnCl ₂ · 4H ₂ O) (by EDTA titrn)	98.0 – 101.0 %	99.0
ACS – Insoluble Matter	<= 0.005 %	< 0.001
ACS – pH of 5% Solution at 25°C	3.5 – 6.0	5.7
ACS – Sulfate (SO ₄)	<= 0.005 %	< 0.005
ACS – Calcium (Ca)	<= 0.005 %	0.001
ACS – Magnesium (Mg)	<= 0.005 %	0.002
ACS – Potassium (K)	<= 0.01 %	< 0.01
ACS – Sodium (Na)	<= 0.05 %	0.01
ACS – Zinc (Zn)	<= 0.005 %	0.001
Trace Impurities – ACS – Heavy Metals (as Pb)	<= 5 ppm	< 5
Trace Impurities – Iron (Fe)	<= 5 ppm	< 5

For Laboratory, Research or Manufacturing Use

Country of Origin: MX
Packaging Site: Paris Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700