

Magnesium Chloride, 6-Hydrate, Crystal
Ultrapure Bioreagent
For Molecular Biology Applications



Material No.: 4003-01
Batch No.: 0000180558
Manufactured Date: 2017/04/06
Retest Date: 2022/04/05

Certificate of Analysis

Test	Specification	Result
Assay (MgCl ₂ · 6H ₂ O)	99.0 – 102.0 %	100.5
DNase Activity (None Detected)	Passes Test	PT
RNase Activity	Passes Test	PT
Protease Activity	Passes Test	PT
ACS – Insoluble Matter	<= 0.005 %	< 0.002
Ammonium (NH ₄)	<= 0.002 %	< 0.001
Calcium (Ca)	<= 0.01 %	< 0.01
Potassium (K)	<= 0.005 %	< 0.001
Sodium (Na)	<= 0.005 %	< 0.001
Trace Impurities – ACS – Heavy Metals (as Pb)	<= 5 ppm	< 3
Trace Impurities – Iron (Fe)	<= 5 ppm	< 5
Trace Impurities – Manganese (Mn)	<= 5.000 ppm	< 1.000

For Laboratory, Research or Manufacturing Use

Country of Origin: US

Manufacturer source batch: 0000170241



Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008
Panoli, India 9001:2008


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Vice President Global Quality

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