Magnesium Chloride, 6-Hydrate, Crystal AR® (ACS)





Material No.: 5958-04 Batch No.: 0000043812 Manufactured Date: 2013/02/18 Retest Date: 2018/02/17

Certificate of Analysis

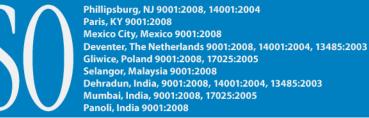
Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
CS – Assay (MgCl2·6H2O)	99.0 - 102.0 %	99.9
CS – Ammonium (NH4)	<= 0.001 %	< 0.001
CS – Barium (Ba)	<= 0.005 %	0.003
CS – Calcium (Ca)	<= 0.01 %	0.01
CS – Heavy Metals (as Pb)	<= 5 ppm	1
CS – Insoluble Matter	<= 0.005 %	0.003
SCS – Iron (Fe)	<= 5 ppm	3
CS – Manganese (Mn)	<= 5.000 ppm	1.000
CS – Nitrate (NO3)	<= 0.001 %	< 0.001
CS – pH of 5% Solution	4.5 - 7.0	5.5
CS – Phosphate (PO4)	<= 5 ppm	2
CS – Potassium (K)	<= 0.005 %	0.001
CS – Sodium (Na)	<= 0.005 %	0.001
SCS – Strontium (Sr)	<= 0.005 %	< 0.001
CS – Sulfate (SO4)	<= 0.002 %	0.001

For Laboratory, Research or Manufacturing Use

The net weight of the product in each container is within +/-2% of the netweight stated on the label.

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



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Richard M Siberski Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600 Avantor ™ Performance Materials Inc.

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