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Product: MAGNESIUM CHLORIDE, HEXAHYDRATE Grade: ACS GRADE Grade: 0288 Appearance: White crystals Mol. Formula: MgCl2.6H2O Mol. Weight: 203.3 Description: Image: Min Max Units Disposition Armonoium 0.002 % PASS Barium 0.005 % PASS Calcium 0.005 % PASS Insolubles 0.005 % PASS Insolubles 0.005 % PASS Nitrate 0.005 % PASS Phosphate 0.005 % PASS Purity 99.0 102.0 % PASS Sodium 99.0 102.0 % PASS So	CERTIFICATE OF QUALITY						
Code:0288Appearance:White crystalsMol. Formula:MgCl2.6H2OMol. Yeight:203.3Description:MinMaxUnitsDispositionAssay:MinMaxUnitsDispositionAmmonium0.002%PASSBarium0.005%PASSCalcium0.011%PASSHeavy Metals (as Pb)0.0055%PASSInsolubles0.0055%PASSInon0.0005%PASSNitrate0.0005%PASSPotassium0.005%PASSPotassium99.0102.0%PASSSodium99.0102.0%PASSSodium99.0102.0%PASSSodium99.0102.0%PASSSotorium0.005%PASSSotorium0.005%PASS			RIDE, HEXAHYDI	RATE			
Appearance:White crystalsMol. Formula:MgCl2.6H2OMol. Weight:203.3Description:NinMaxUnitsDispositionAssay:MinMaxUnitsDispositionAmmonium0.002%PASSBarium0.005%PASSCalcium0.011%PASSInsolubles0.005%PASSInsolubles0.0005%PASSInon0.0005%PASSNitrate0.0005%PASSPhosphate0.0005%PASSPurity99.0102.0%PASSSodium99.0102.0%PASSStontium99.0102.0%PASSOuton%PASSPASSOuton%PASSPurity99.0102.0%PASSStontium99.0102.0%PASSStontium99.0102.0%PASSStontium99.0102.0%PASSStontium99.0102.0%PASSStontium99.0102.0%PASSStontium99.0102.0%PASSStontium99.0102.0%PASSStontium99.0102.0%PASSStontium99.0102.0%PASSStontium99.0102.0%PASSStontium99.0102.0%							
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Barium0.005%PASSCalcium0.01%PASSHeavy Metals (as Pb)0.0005%PASSInsolubles0.005%PASSIron0.0005%PASSManganese0.0005%PASSNitrate0.001%PASSPhosphate0.005%PASSPotassium99.0102.0%PASSSodium.0005%PASSStrontium.0005%PASSStrontium.0005%PASS	<u>Assay:</u>		<u>Min</u>	Max	<u>Units</u>	Disposition	
Calcium0.01%PASSHeavy Metals (as Pb)0.0005%PASSInsolubles0.005%PASSIron0.0005%PASSManganese0.0005%PASSNitrate0.001%PASSPhosphate0.005%PASSPotassium99.0102.0%PASSSodium0.005%PASSPASSStrontium0.005%PASS	Ammonium			0.002	%	PASS	
Heavy Metals (as Pb)0.0005%PASSInsolubles0.005%PASSIron0.0005%PASSManganese0.0005%PASSNitrate0.001%PASSPhosphate0.005%PASSPotassium0.005%PASSPurity99.0102.0%PASSSodium0.005%PASSStrontium0.005%PASS	Barium			0.005	%	PASS	
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Potassium0.005%PASSPurity99.0102.0%PASSSodium0.005%PASSStrontium0.005%PASS	Nitrate			0.001	%	PASS	
Purity 99.0 102.0 % PASS Sodium 0.005 % PASS Strontium 0.005 % PASS	Phosphate			0.0005	%	PASS	
Sodium0.005%PASSStrontium0.005%PASS	Potassium			0.005	%	PASS	
Strontium 0.005 % PASS	Purity		99.0	102.0	%	PASS	
	Sodium			0.005	%	PASS	
Sulfate 0.002 % PASS	Strontium			0.005	%	PASS	
	Sulfate			0.002	%	PASS	

Storage:

Store at room temperature. Protect from moisture.

0288ACS

This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.

Date:

Cucker

<u>Title:</u>

Signature:

<u>QC MANAGER</u>

<u>7/11/2012</u>