

**TECHNICAL DATA SHEET**

Product:	<b>Magnesium Chloride Anhydrous</b>		
Grade:	Technical		
Formula:	MgCl <sub>2</sub>	Melting Point:	708° C
Appearance:	White	Boiling Point:	1412° C
Form:	Flakes / Powder		
Packaging:	Bags, Bulk Bags, Drums		
Particle Size:	Various		

Moisture <sup>(1)</sup>	Target (Max)	1.5 %	Typical	< 1.0 %
Purity <sup>(2)</sup>	Target (Min)	98.5 %	Typical	> 99.0 %

- (1) Test Method: Amperometric Titration (Karl Fischer)  
 (2) Wet Chemistry

CHEMICAL CHARACTERISTICS				
		<u>Target (Max)</u>	<u>Typical</u>	
Compounds <sup>(2)</sup> /Elements <sup>(3)</sup> :				
MgO	(ppm)	2000	< 1500	Certified
Zr	(ppm)	600	< 400	Certified
Na	(ppm)	20	< 15	Certified
Ca	(ppm)	20	< 15	Certified
Other materials NOT certified:				
Fe	(ppm)	50	< 25	Not Certified
Ni	(ppm)	25	< 25	Not Certified
Si	(ppm)	50	< 25	Not Certified
Cr	(ppm)	25	< 25	Not Certified
Al	(ppm)	100	< 25	Not Certified
Possibility of some metallic inclusions: Mg and Zr				

- (3) Test Method DCP (Direct Current Plasma Spectroscopy)

*Please consult our sales staff for lower moisture or other requirements not designated above.*

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**TECHNICAL DATA SHEET**

Product:	<b>Magnesium Chloride Anhydrous</b>		
Grade:	Premium		
Formula:	MgCl <sub>2</sub>	Melting Point:	708° C
Appearance:	White	Boiling Point:	1412° C
Form:	Flakes / Powder		
Packaging:	Bags, Bulk Bags, Drums		
Particle Size:	Various		

Moisture <sup>(1)</sup>	Target (Max)	1.0 %	Typical	< 0.5 %
Purity <sup>(2)</sup>	Target (Min)	98.5 %	Typical	> 99.0 %

(1) Test Method: Amperometric Titration (Karl Fischer)

(2) Wet Chemistry

CHEMICAL CHARACTERISTICS				
		<u>Target (Max)</u>	<u>Typical</u>	
Compounds <sup>(2)</sup> /Elements <sup>(3)</sup> :				
MgO	(ppm)	2000	< 1500	Certified
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Possibility of some metallic inclusions: Mg and Zr				

(3) Test Method DCP (Direct Current Plasma Spectroscopy)

*Please consult our sales staff for lower moisture or other requirements not designated above.*

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