

## 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>
<b>Compounds<sup>(2)</sup>/Elements<sup>(3)</sup>:</b>			
MgO	(ppm)	2000	< 1500 Certified
Zr	(ppm)	600	< 400 Certified
Na	(ppm)	20	< 15 Certified
Ca	(ppm)	20	< 15 Certified
<b>Other materials NOT certified:</b>			
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.*