

# Specification

## Technical Data Sheet

<b>Product Name</b>	tri-Magnesium dicitrate nonahydrate
<b>Product No</b>	46152709
<b>CAS Number</b>	3344-18-1
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	451.12
	<b>Specification</b>
<b>Appearance</b>	White to slightly yellow crystalline powder
<b>Heavy metals</b>	≤20ppm
<b>Loss on Drying</b>	≤20%
<b>Melting Point</b>	184°C
<b>pH</b>	5.0 - 9.0
<b>Assay</b>	14.5 - 16.4%
<b>Chloride (Cl)</b>	≤0.005%

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**Iron (Fe)**  $\leq 200\text{ppm}$

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**Sulfate**  $\leq 0.02\%$

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**Arsenic (As)**  $\leq 3\text{ppm}$

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**Lead (Pb)**  $\leq 10\text{ppm}$

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**Limit of Calcium**  $\leq 0.1\%$

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