

# Specification

## Technical Data Sheet

<b>Product Name</b>	Magnesium-L-ascorbyl-2-phosphate
<b>Product No</b>	58095334
<b>CAS Number</b>	113170-55-1
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	289.54
	<b>Specification</b>
<b>Appearance</b>	Pale yellow powdery solid
<b>Heavy metals</b>	≤10ppm
<b>Loss on Drying</b>	≤20.0%
<b>pH</b>	3% solution: 7.0 - 8.5
<b>Specific rotation</b>	+43 to +50
<b>Chloride (Cl)</b>	≤0.4%
<b>Colour (APHA)</b>	≤70

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<b>Free ascorbic acid</b>	$\leq 0.5\%$
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<b>Free phosphoric acid</b>	$\leq 1\%$
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<b>Arsenic (As)</b>	$\leq 2\text{ppm}$
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<b>Assay (dried basis)</b>	$\geq 98.5\%$
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