

# Specification

## Technical Data Sheet

<b>Product Name</b>	L-Aspartic acid magnesium salt
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<b>Product No</b>	27457265
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<b>CAS Number</b>	2068-80-6
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<b>Storage Temperature</b>	Ambient
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<b>Molecular Weight</b>	288.495
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### Specification

<b>Appearance</b>	Colourless or White crystals or crystalline powder
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<b>pH</b>	6.0 - 8.0 (5% aq.)
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<b>Water</b>	10.0 - 14.0%
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<b>Ammonia</b>	≤ 0.02%
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<b>Appearance of Solution</b>	Clear and colourless
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<b>Assay</b>	≥ 98.0%
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<b>Chloride (Cl)</b>	≤ 0.02%
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## Specification

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**Iron (Fe)**  $\leq 50\text{ppm}$

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**Ninhydrin-positive substances**  $\leq 0.5\%$

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**Specific Rotation  $[\alpha]_{20D}$**   $+22.0$  to  $+24.0^\circ$

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**Sulphate (SO<sub>4</sub>)**  $\leq 0.05\%$

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