



Molekula Limited  
Lingfield Way  
Darlington  
County Durham  
DL1 4XX  
United Kingdom  
+44 (0) 3302 000333  
info@molekula.com

# Specification

## Technical Data Sheet

<b>Product Name</b>	L-Aspartic acid magnesium salt
<b>Product No</b>	27457265
<b>CAS Number</b>	2068-80-6
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	288.49
	<b>Specification</b>
<b>Water</b>	10 - 14%
<b>pH</b>	6.0 - 8.0
<b>Assay</b>	≥ 98%
<b>Iron</b>	≤50ppm
<b>Sulphate</b>	≤ 0.05%
<b>Appearance of Solution</b>	Clear and colourless
<b>Ammonia</b>	≤ 0.02%
<b>Chloride</b>	≤ 0.02%
<b>Appearance</b>	Colourless or White crystals or crystalline powder
<b>Specific Rotation [<math>\alpha</math>]<sub>20D</sub></b>	+22.0 ~ +24.0°
<b>Ninhydrin-positive substances</b>	≤ 0.5%