

# Specification

## Technical Data Sheet

<b>Product Name</b>	L-Aspartic acid
<b>Product No</b>	13231280
<b>CAS Number</b>	56-84-8
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	133.10
	<b>Specification</b>
<b>Appearance</b>	White/ off white powder
<b>Lead</b>	≤ 0.0005%
<b>Loss on Drying</b>	≤ 0.25%
<b>Specific rotation</b>	+24.5 to +26.0
<b>Assay</b>	98.5 - 101.5%
<b>Chloride (Cl)</b>	≤ 0.02%
<b>Heavy Metals (Pb)</b>	≤ 10ppm

### Specification

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<b>Iron (Fe)</b>	$\leq 10\text{ppm}$
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<b>Organic impurities</b>	$\leq 0.5\%$
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<b>Residue on Ignition</b>	$\leq 0.1\%$
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<b>Specification</b>	Conforms to USP
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<b>Sulfate (SO<sub>4</sub>)</b>	$\leq 0.03\%$
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<b>Identification (IR)</b>	Conforms to reference
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