

 synerzine TM	Title:	W01315 Product Specification		
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Product Identifiers

Product Name:	L-ASPARTIC ACID		
Synerzine Item #	W01315	CAS #	56-84-8
		FEMA #	3656

Material Properties

Molecular Formula	C4H7NO4	Flash Point (°F, CC)	236
Molecular Weight	133.1	Boiling Point	263° C at 760 mmHg
Shelf Life (days)	730	Physical State	Solid

Solubility	Soluble in propylene glycol; water, 5390 mg/L @ 25° C
Storage and Stability	Store in fully closed container in cool (~20°C) dry place. Stable for years, with slight development of discoloration.
Handling Precautions	Avoid contact of eyes and skin. In case of contact, flush copiously with water. Keep away from heat and flame.

Specified Critical Limits

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	White	White
Odor	Organoleptic Analysis	None	Odorless	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ N/A°C	N/A	N/A
Refractive Index	Refractometric Analysis	nDN/A	N/A	N/A

Notes

Melting point: 270° C at 760 mmHg

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