

 synerzine TM	Title:	W028 Product Specification		
	Document #:	02-1006	Rev #:	000
	Status:	ACTIVE	Date Issued:	06/21/2013

Product Identifiers

Product Name:	L-GLUTAMINE
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Synerzine Item #	W028	CAS #	56-85-9	FEMA #	3684
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Material Properties

Molecular Formula	0	Flash Point (°F, CC)	>200
Molecular Weight	130.14	Boiling Point	445.57°C @ 760mmHg
Shelf Life (days)	730	Physical State	Solid

Solubility	Soluble in propylene glycol; Water solubility: 4.221e+004mg/L
Storage and Stability	Store in fully closed container in cool (~20°C) dry place.
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	Mild, milky, custard, cocoa, oily	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

Notes

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This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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