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## Typical Product Specifications & Properties

# L-Glutamine

CAS Number: : 56-85-9

Specifications	Limits
Practically Insoluble	in methanol, ethanol, ether, benzene, acetone, ethyl acetate, chloroform
Description	White, odorless crystals or crystalline powder hav
Solubility (grams/100 g water) at 100°C	It is freely soluble in water
Assay %	(On Drying basis) : 98.5 % ~ 101.5 %
Specific Rotation	([α] D 20°) +6.3° ~ +7.3°
Heavy Metals, as Pb	10 ppm Max
Loss on Drying	0.03 % Max
Residue on Ignition	0.01 % Max
pH	7 (1 aq. soln.)
Melting Point	85-186 c (dec.)
Molecular weight	146.17
Solubility	cold water



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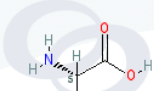
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