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## Typical Product Specifications & Properties

# DL-Aspartic Acid

CAS Number: : 617-45-8

Specifications	Limits
Slightly Soluble	in water
IR Identification	Positive
Loss on Drying	<= 0.20%
Ammonium	<= 0.02%
Arsenic PPM	<= 1 ppm
Assay %	98.5 - 101.0%
Ordinary Impurities	<= 0.1%
Residue on Ignition	<= 0.10%
Chlorides	<= 0.02%
Fe	<= 10 ppm
pH	(1% water solution) 2.5 - 3.5
Transmittance	>= 98%



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Specifications	Limits
Sulfates	<= 0.02%
Heavy Metals, as Pb	<- 10 ppm
Sensoric	White Crystalline Powder.
Specific gravity	1.66
Chemical Structure	
Insolubility	in alcohol, ether
Color	colorless or white crystal
Melting Point	278-280 c (dec.)
Odor	odorless, acid taste
Molecular weight	133.10



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