



92468

## L-Asparagine Monohydrate for tissue culture, 99%

Part B

CAS : 5794-13-8

Molecular Formula : C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>O<sub>3</sub>.H<sub>2</sub>O

Molecular Weight : 150.14

### Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline compound
Solubility (Turbidity) 10% solution in 2N HCl	Clear
Solubility (Colour) 10% solution 2N HCl	Colourless
Assay	min. 99%
Specific rotation [?]	+32° to +34° (C=5, 5N HCl)
Loss on drying	10.0 - 12.5%
Sulphated Ash	max. 0.1%
Chloride (Cl)	max. 0.02%
Sulphate (SO <sub>4</sub> )	max. 0.03%
Iron (Fe)	max. 0.001%
Heavy Metals (Pb)	max. 0.001%
Ammonium (NH <sub>4</sub> )	max. 0.02%
Homogeneity by TLC	Passes test
Suitability for Tissue Culture	Passes test

### General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	29224990 (GST 18%)
25 Gms	29224990 (GST 18%)
500 Gms	29224990 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle
25 Gms	Plastic Bottle
500 Gms	Plastic Bottle

## Available Packages

25 Gms

100 Gms

500 Gms

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### Disclaimer

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