



44444

L-Asparagine Monohydrate ExiPlus, Multi-Compendial, 99%

Part B

CAS : 5794-13-8

Molecular Formula : C₄H₈N₂O₃.H₂O

Molecular Weight : 150.14

Specifications

ExiPlus	meets compendial specs of BP, USP & EU Ph
Appearance (Colour)	White
Appearance (Form)	Crystalline powder or crystals
Solubility (Turbidity) 10% solution 2N HCl	Clear
Solubility (Colour) 10% solution 2N HCl	Colourless
Assay (NT)	min. 99%
pH (2% aq. solution)	4.0 - 6.0
Specific rotation [α] _D ²⁵	+33.7° to +36.0° (C=1, 6N HCl) Dried substance
Loss on drying	10.0 - 12.5%
Sulphated Ash	max. 0.1%
Residue after ignition	max. 0.1%
Chloride (Cl)	max. 0.02%
Sulphate (SO ₄)	max. 0.02%
Iron (Fe)	max.0.001%
Heavy Metals (Pb)	max.0.0005%
Ammonium (NH ₄)	max. 0.1%
Identification (IR Spectrum)	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	
1 Kg	29224990 (GST 18%)
100 Gms	29224990 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle
25 Gms	Plastic Bottle

Available Packages

100 Gms

1 Kg

Disclaimer

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