

### Technical Information

#### L-Asparagine Monohydrate Plant Culture Tested

**Product Code: PCT1303**

#### Product Information

Product Code	: PCT1303
Product Name	: L-Asparagine monohydrate, Plant Culture Tested
Synonym	: L-Aspartic acid 4-amide
Molecular Formula	: $C_4H_8 N_2O_3 \cdot H_2O$
Molecular Weight	: 150.13
CAS No	: (5794-13-8)

#### Technical Specification

Appearance	: Colourless to white to off-white crystals or crystalline powder
Solubility	: Soluble in water.
Minimum Assay (NT)	: 99.5%
pH (2% in water at 25°C)	: 4.00 - 6.00
Specific rotation (c = 1% in 6N HCl at 20°C, on dry basis)	: +33.0° to +36.5°
Melting range	: 233 - 235°C
Loss on drying (at 105°C; 3hr)	: 11.50 - 12.50%
Plant culture test	: Passes test

#### Risk and Safety Information

WGK	: I
Storage Temperature(°C)	: Store at 30° C

#### Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

#### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.