

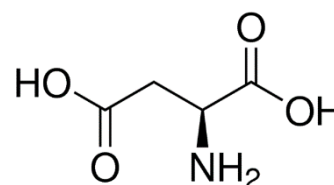


Product Specification

cdhfinechemical.com

L-ASPARTIC ACID PURE

| | |
|------------------------------------|---|
| PRODUCT CODE | 037021 |
| SYNONYMS | -- |
| C.I. NO. | -- |
| CASR NO. | (56-84-8) |
| ATOMIC OR MOLECULAR FORMULA | C₄H₇NO₄ |
| ATOMIC OR MOLECULAR WEIGHT | 133.10 |
| PROPERTIES | -- |



| PARAMETER | LIMIT |
|-----------|-------|
|-----------|-------|

| | |
|---|--|
| Description | White crystals or crystalline powder. |
| Solubility | 2% solution in 5N HCl is clear and colourless. |
| Minimum Assay (NaOH Titration) | 99.0% |
| Specific Rotation (α) _D (2% in 5N HCl) 20° | + 24° to + 26° |

MAXIMUM LIMIT OF IMPURITIES

| | |
|------------------------|--------|
| Loss on drying (110°C) | 0.5% |
| Sulphated Ash | 0.1% |
| Iron (Fe) | 0.001% |
| Lead (Pb) | 0.001% |

Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---.

IMDG Code :--

UN No. :--

IATA :--

Disposal: Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amount of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.

Hazard Pictogram(s) :--

Replace Date-20-AUG-2021