



Product Specification

cdhfinechemical.com

L-ARGININE (FREE BASE) DIAGNOSTIC USE

H03895

G02196

SYNONYMS

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C.I. NO.

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CASR NO.

(74-79-3)

ATOMIC OR MOLECULAR FORMULA

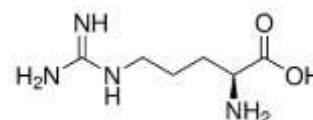
C₆H₁₄N₄O₂

ATOMIC OR MOLECULAR WEIGHT

174.20

PROPERTIES

Storage & sensitivity light sensitivity ambient temperatures



PARAMETER

LIMIT

Description

White to almost white crystals or crystalline powder.

Solubility

10% solution in water is clear and colourless.

IR Identification Test

Passes test

Minimum Assay (On dry basis)

99.0%

pH (5% aq. solution)

10.5 -12.0

Specific Rotation (α) $\frac{20}{D}$ (C=8 in 6N HCl)

+ 26.3° to + 27.7°

MAXIMUM LIMIT OF IMPURITIES

Sulphated ash

0.1%

Loss on drying (110°C)

0.5%

Chloride (Cl)

0.005%

Sulphate (SO₄)

0.01%

Iron (Fe)

0.001%

Ammonium (NH₄)

0.01%

Ninhydrin-positive substance

Passes test

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 to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :-