CDH

Product Specification

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Technical Information

L-Lysine (From Non-Animal Source)
Cell Culture Tested

Product Code:TC1207

Product Information

Product Code	: TC1207
Product Name	: L-Lysine (From non-animal source), Cell Culture Tested
Synonym	: 2,6-diaminohecaproic acid
Molecular Formula	: $C_6H_{14}N_2O_2$
Molecular Weight	: 146.19
CAS No.	: 56-87-1

Technical Specification

Appearance	: White or light yellow powder.
Solubility	: 10% soluble in water is clear yellow solution.
Minimum assay (on dry basis)	: 98.50 %
Specific rotation $(\alpha)^{20}{}_D$	: +25.0° to +27.0°
Loss on drying	: <= 5 %
Residue on ignition (sulfated)	: <= 0.5 %
Ammonium (NH_4)	: <= 0.02%
Arsenic (As)	: <= 0.0001%
Chloride (Cl)	: <= 0.1%
Heavy metals(as Pb)	: <= 0.001%
Iron (Fe)	: <= 0.001%
Other amino acids	: Meet the requirement.
Cell Culture Test	: Passes test.

Risk And Safety Information

WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store below 30°C

Transport Information

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

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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.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- 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.

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