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Specification Sheet

Product Name: **L-Lysine monohydrate**
Specifications & Purity: BioReagent, suitable for cell culture, from non-animal source
SKU #: **L478519**

Parameter

Appearance(L478519)

Infrared spectrum

specific rotation $[\alpha]_{25}^D$ (C=2, 6 M HCL)

Water by Karl Fischer

Residue on Ignition

Chloride (Cl⁻)

Iron(Fe)

Heavy metal (as Pb)

Sulfate(SO₄²⁻)

Ninhydrin-positive substances (other amino acids)

Assay(dry basis)

Ammonium (NH₄)

Arsenic(As)

Cell Culture Test

Endotoxin Assay

Limit Values

white or pall yellow crystalline powder

Conforms to Structure

22-26 (°)

10.0-11.5 (%)

0-0.1 (%)

0-0.03 (%)

0-10 (ppm)

0-10 (ppm)

0-0.03 (%)

Conforms

98.5-101.5 (%)

0-0.02 (%)

0-1 (ppm)

pass

0-1 (EU/mg)

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