

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	29817
Lot Number	002036-2004030
Product	L-Leucine L-Leu-OH
CAS Number	61-90-5
Molecular Formula	C ₆ H ₁₃ NO ₂
Molecular Weight	131.18

Appearance	White crystals or crystalline powder
Heavy Metals	< 15 ppm
Anion	Chloride(Cl) : < 0.05% Sulfate(SO ₄) : < 0.03%
Cation	Iron(Fe) : < 30 ppm Arsenic(As ₂ O ₃) : < 1.5 ppm Lead (Pb) : < 3 ppm, Cadmium (Cd) : < 1 ppm Mercury (Hg) : < 0.1 ppm
pH	6.28
Yeast and Mold	< 100 cfu/g
Optical Rotation	[α] _D ²⁰ = 15.8 °
Infrared Spectrum	Conforms to structure
Loss on Drying	0.06%
E. Coli	Negative in 10 g
Microbial Count	< 1000 cfu/g (TPC)
Salmonella	Negative in 10 g
Residue On Ignition	0.14%
Assay by titration	99.6%
Grade	Non-animal origin
Storage	Store at RT

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager