

## neoFroxx GmbH

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## Specification

Product	L-Leucine for cell biology
Product number	1215
Synonyms	2-Amino-4-methylpentanoic acid, L-Leu
Formula	C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>
Molecular weight	131.18 g/mol
CAS number	61-90-5
Storage	below 25°C
Retest period (months)	48

All amino acids from neoFroxx are of non-animal origin!

Parameter	Specification
Assay (titr.)	>= 99 %
Endotoxin	passes test
Identity (IR)	passes test
Loss on drying	<= 0.2 %
Specific rotation	+14.9° - +16.5°
Related substances	<= 1 %
Ammonium (NH <sub>4</sub> )	<= 0.02 %
Chloride (Cl)	<= 0.02 %
Sulfate (SO <sub>4</sub> )	<= 0.02 %
Arsenic (As)	<= 0.0001 %
Iron (Fe)	<= 0.001 %
Lead (Pb)	<= 0.0005 %

Einhausen, 17.01.2025