

**neoFroxx GmbH**

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## Specification

<b>Product</b>	<b>L-Valine for cell biology</b>
<b>Brand</b>	BioFroxx

Product number	1224
Synonym(s)	L- $\alpha$ -Aminoisovaleric acid, L-Val, V, 2-Amino-3-methylbutanoic acid
Formula	C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub>
Molecular weight	117.15 g/mol
CAS number	72-18-4
Storage	below 25°C
Retest period (months)	48

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

<b>Parameter</b>	<b>Specification</b>
Assay	min. 99 %
Endotoxins	max. 6.0 EU / g
Loss on drying	max. 0.2 %
Specific rotation	+27.6° to +28.7°
Foreign amino acids	complies
Ammonium (NH <sub>4</sub> )	max. 0.02 %
Chloride (Cl)	max. 0.02 %
Sulfate (SO <sub>4</sub> )	max. 0.02 %
Heavy metals (as Pb)	max. 0.001 %
Iron (Fe)	max. 0.001 %

Einhausen, 16.02.2022