

Technical Information

L-Valine (From non-animal source)

Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications

Product Code:TC1132M

Product Information

Product Code	: TC1132M
Product Name	: L-Valine (From non-animal source) Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications
Synonym	: (S)- α -Aminoisovaleric acid, L-2-Amino-3- methylbutanoic acid
Molecular Formula	: $C_5H_{11}NO_2$
Molecular Weight	: 117.15
CAS No.	: 72-18-4

Technical Specification

Appearance	: White powder.
Solubility	: Soluble in water is clear and colourless.
Minimum assay	: 99.00 %
pH (5% solution in water)	: 5.5 -7.0
Specific optical rotation (α) ²⁰ / _D	: +27.6° to +28.7°
Residue on Ignition	: <= 0.1%
Loss on drying (105°C; 1 h)	: <= 0.2%
Ammonium (NH ₄)	: <= 0.02%
Chloride (Cl)	: <= 0.02%
Sulfate (SO ₄)	: <= 0.02%
Iron (Fe)	: <= 0.001%
Heavy metal (as Pb)	: <= 0.001%
Arsenic (As)	: <= 0.0001%
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

**Animal Cell
Culture Tested**



Product Specification

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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.
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