

## *Product Specifications*

**Product Name**

**DL-Valine**

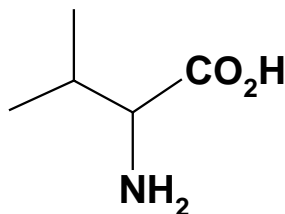
*Syn:*

2-Aminoisovaleric Acid; 2-Amino-3-methylbutanoic Acid

**CAS No.**

**516-06-3**

**Structure Formula**



**Mol. Formula**

**C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>**

**Mol. Weight**

**117.15**

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*Test*

*Specification*

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**Appearance**

White, microcrystalline solid

**Identity**

TLC; IR

**Mp**

>295 °C (subl.)

**Assay (hplc)**

≥ 99%

**Specific rotation, [α]<sub>D</sub>**

0 ± 0.1°, c = 1 in 6 N HCl

**Ash**

< 0.1%

**LOD**

≤ 0.5 %

**Heavy metals (Pb)**

≤ 20ppm

**Arsenic**

≤ 2.0ppm

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