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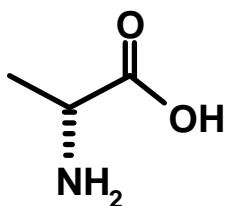
Product Specifications

D-Alanine

CAS 338-69-2

Syn: D-Ala; D-2-Aminopropionic Acid; R-Ala; R-2-Aminopropionic Acid

Structure:



Mol. Formula
Source

C₃H₇NO₂
Synthetic

Mol. Wt.

89.02

<i>Test</i>	<i>Specification</i>
Identity	TLC; IR
Appearance	White, microcrystalline solid
Mp	118-120 °C
Assay (hplc)	99.0% - 100.5%
Sp. Rot., [α]_D	-18.0° to -22.0° [c= 1.0; H ₂ O]
pH	1.7 - 3.0
Ash (residue on ignition)	< 0.1%
LOD	< 0.5 %
Heavy metals (Pb)	< 10 ppm
Arsenic	< 2.0 ppm
Other amino acids	Not detectable

Storage: Maintain in cool, dry containment.