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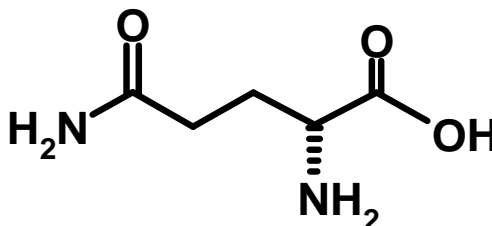
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## Product Specifications

### D-Glutamine

CAS 5959-95-5

Structure:



Mol. Formula  
Source

$C_5H_{10}N_2O_3$   
Synthetic

Mol. Wt.

146.14

<i>Test</i>	<i>Specification</i>
Identity	TLC; IR
Appearance	White, microcrystalline solid
Mp	185-187 °C
Assay (hplc)	≥ 98%
Sp. Rot., [α] <sub>D</sub>	< - 6° (c = 2, H <sub>2</sub> O)
LOD	≤ 0.5 %
Ash (residue on ignition)	< 0.1%
Heavy metals	< 10 ppm
As	< 2 ppm
Other amino acids	Not detectable

*Storage:* Maintain in cool, dry containment.