

[Jump to Website](#)

[Request Quote](#)

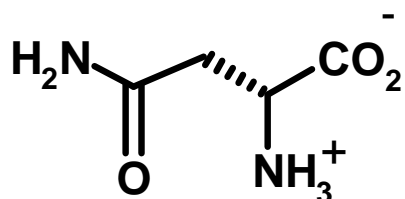
Product Specifications

D-Asparagine (monohydrate)

CAS 2058-58-4

Syn: D-Asn; (R)-Asparagine

Structure:



Mol. Formula
Source

C₄H₈N₂O₃·H₂O
Synthetic

Mol. Wt.

150.13

<i>Test</i>	<i>Specification</i>
Identity	IR
Appearance	White, microcrystalline solid
Transmittance	> 98%
Assay (hplc)	99.0% - 100.5%
Sp. Rot., [α]_D	- 34.2° to - 36.5° [c= 1.0; H ₂ O]
Cl	< 200 ppm
Fe	< 10 ppm
LOD	11.5% -12.5%
Ash (residue on ignition)	< 0.1%
Heavy metals	< 10 ppm
As	< 1.0 ppm
Other amino acids	< 1%
Sulfate	< 200 ppm
NH₄	< 0.1 %

Storage: Maintain in cool, dry containment.