



SICHUAN TONGSHENG AMINO ACID CO., LTD

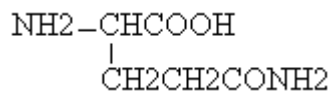
## Certificate of Analysis

Product Name: H-D-Gln-OH

CAS#: 5959-95-5

Synonyms: D-Glutamine

Molecular Formula: C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>



Molecular Weight: 146.2

Manufacture time: 2023-01-05

Batch No.:010536-2023010501

Testing time: 2023-02-21

Expiry time : 2025-01-04

Specifications:

Item	Standard	Analysis data
Appearance	White crystalline powder	conforms
Specific rotation[α] <sub>20/D</sub> (C=4 in H <sub>2</sub> O)	-6.3 to -7.3°	-6.72°
Loss on drying	Not more than 0.50%	0.26%
Assay	Not less than 98.0%	98.63%
Conclusion	The product is according with standard.	

Inspector:王明芳

Manager: 肖宏林

Confirmed : 陈书娟

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Made on Feb22,2023

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Signature:

