



CERTIFICATE OF ANALYSIS

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1. Identification

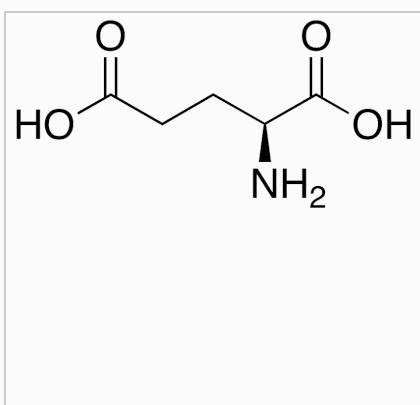
Catalogue Number: G596960

CAS Number: 56-86-0

Product: L-Glutamic Acid

Synonym: (2S)-2-Aminopentanedioic Acid; (S)-(+)-Glutamic Acid; (S)-2-Amino-1,5-pentanedioic Acid; (S)-2-Aminopentanedioic Acid; 1-Aminopropane-1,3-dicarboxylic Acid; Glusate; Glutacid; Glutamicol; Glutamidex; Glutaminol; Glutaton; L-(+)-Glutamic Acid; L- α -Aminoglutaric Acid; α -Glutamic Acid

Structure:



Molecular Formula:

C₅H₉NO₄

Molecular weight:

147.13

Source of Product:

N/A

Solubility:

Aqueous Acid (Slightly),
Water (Slightly, Heated,
Sonicated)

Lot Number: 1-NYL-85-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	95.84% (ELSD)
NMR	Conforms to Structure	Conforms
Appearance	White to Off-White Solid	White to Off-White Solid

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	7/20/2022	7/18/2026
				