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Certificate of Analysis

L-Pyroglutamic acid ethyl ester

Cat. No.: HY-40269

CAS No.: 7149-65-7

Batch No.: 133991

Chemical Name: L-Proline, 5-oxo-, ethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

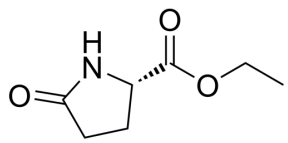
Molecular Formula: $C_7H_{11}NO_3$

Molecular Weight: **157.17**

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

^{1}H NMR Spectrum: Consistent with structure

Purity (GC): **99.89%**

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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