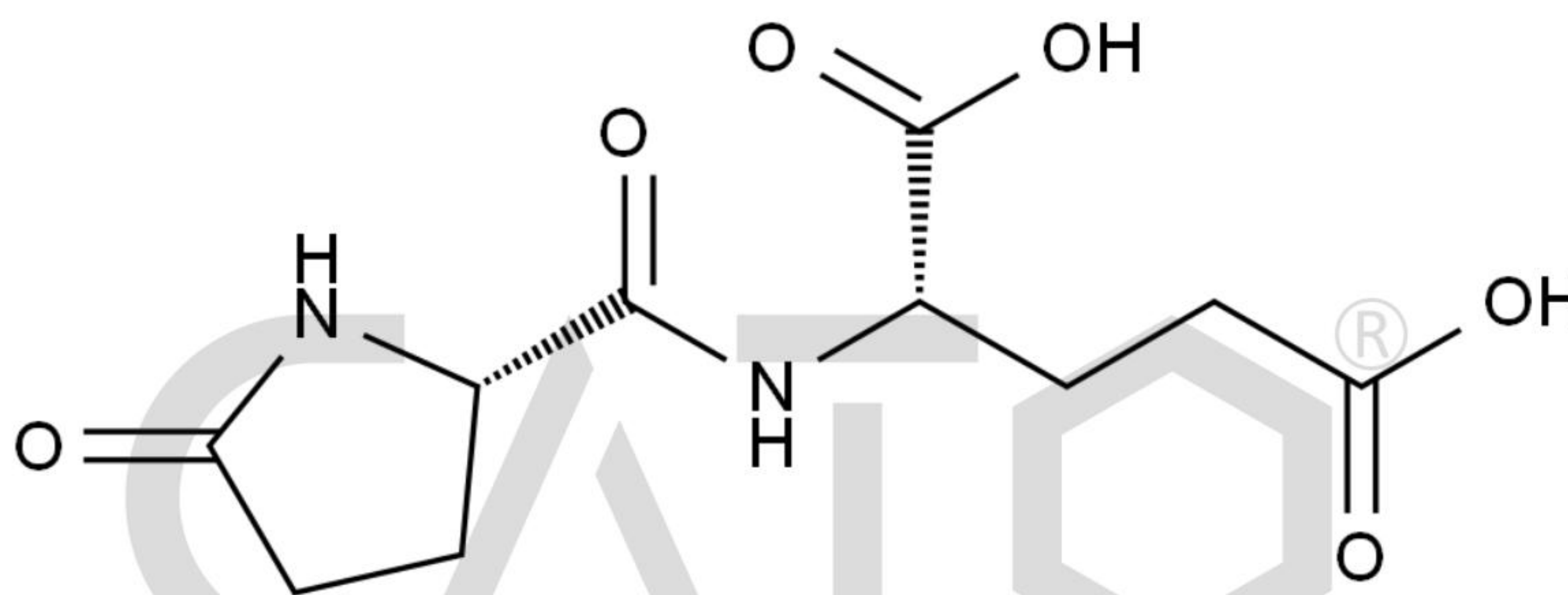


Certificate of Analysis

Reference Material & Standard

Product Name:	Magnesium Pidolate EP Impurity B	Catalogue Number:	C4X-107833
Synonyms:	N/A	Lot Number:	0217-RG-0092
CAS Number:	29227-92-7	Expiry Date:	Feb 11, 2028
Molecular Formula:	C ₁₀ H ₁₄ N ₂ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	258.23		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.155%
Water Content	Karl Fischer	0.55%
Residual Solvents	NMR	4.34% acetonitrile
Assay		94.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Feb 17, 2025

Date: Feb 18, 2025

Date: Feb 18, 2025



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