

Certificate of Analysis

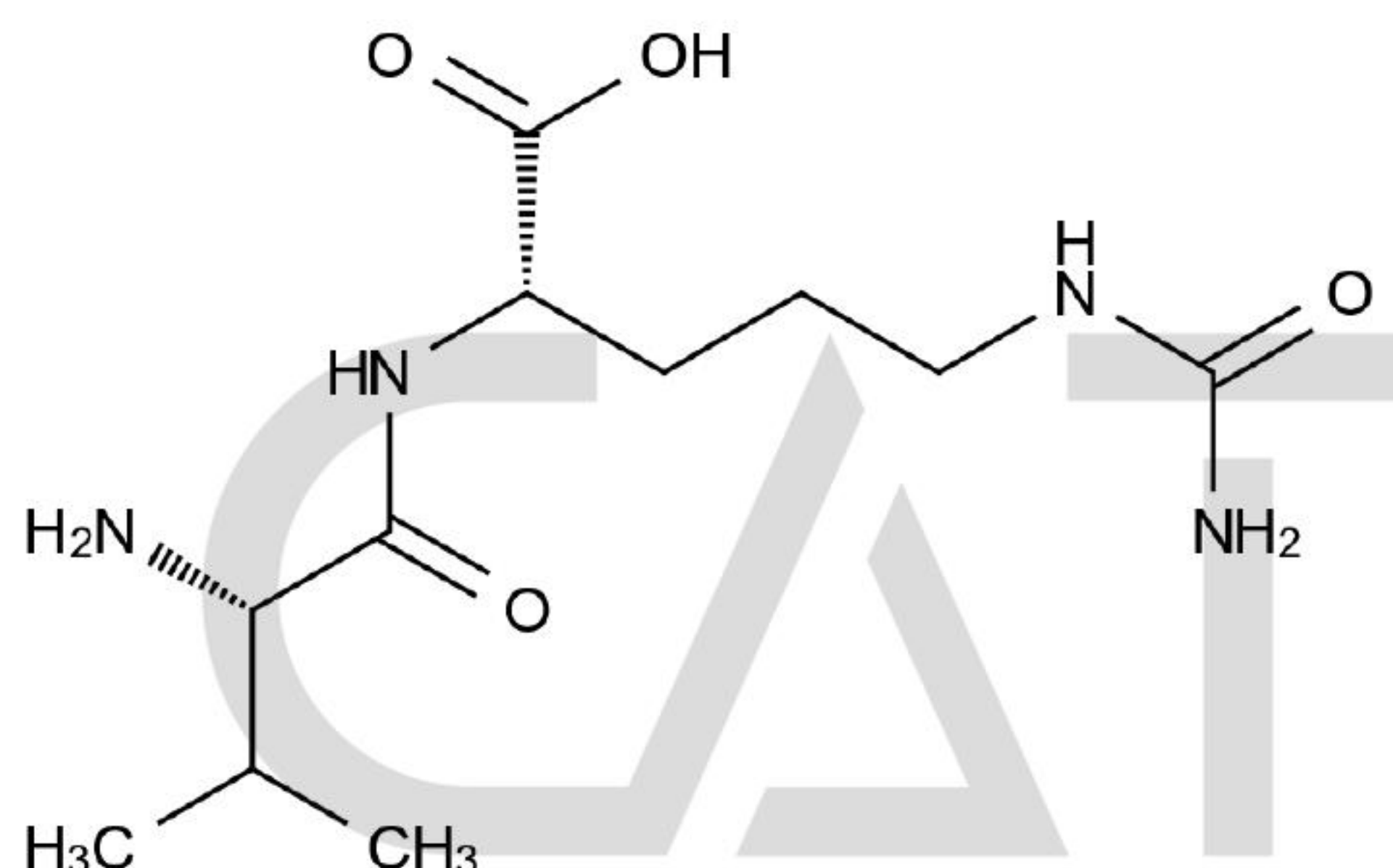
Reference Material & Standard

Product Name:	Val-Cit	Catalogue Number:	C1348240
Synonyms:	N/A	Lot Number:	0115-RH-0035
CAS Number:	159858-33-0	Expiry Date:	Jan 21, 2030
Molecular Formula:	C ₁₁ H ₂₂ N ₄ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	274.32	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.838%
Loss On Drying	TGA	0.0730%
Assay		99.8%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 22, 2026

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