

Certificate of Analysis

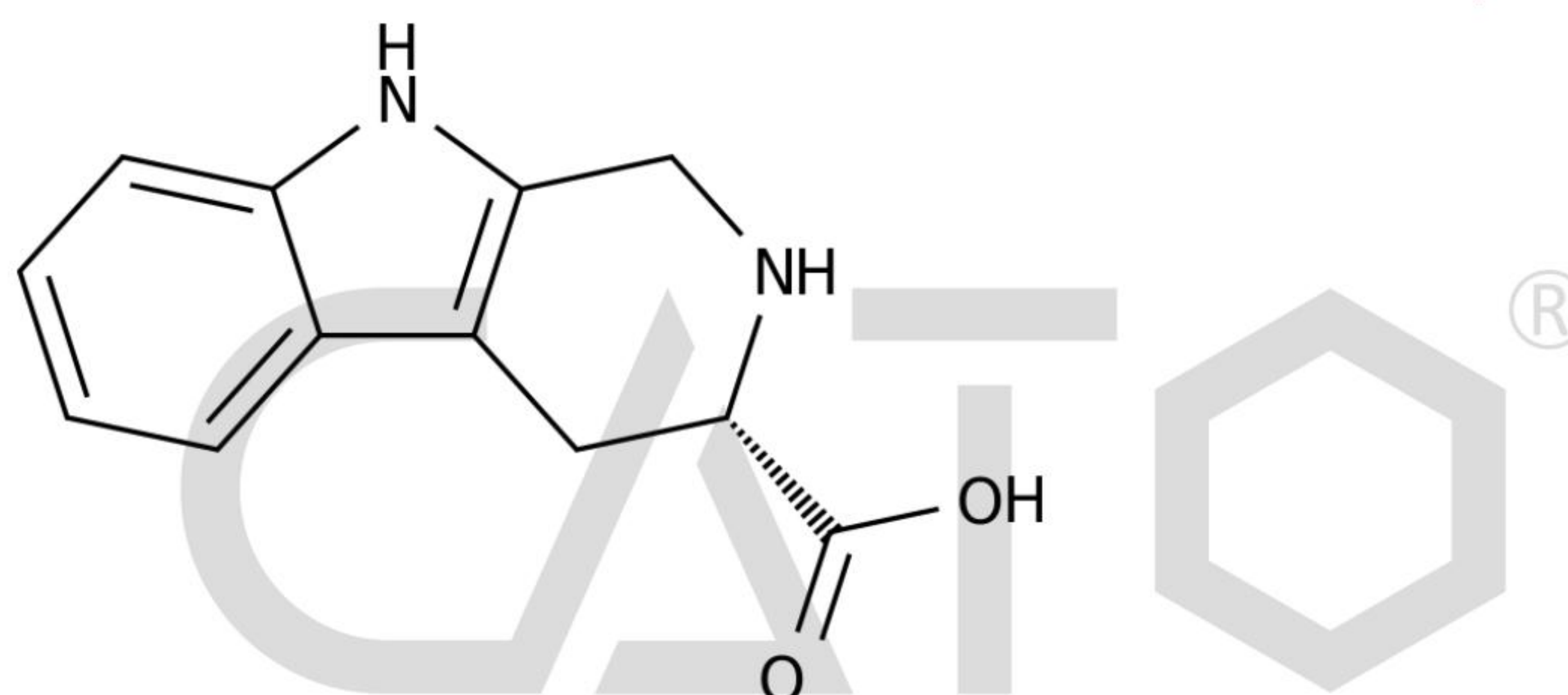
Reference Material & Standard

Product Name:	L-1,2,3,4-Tetrahydronorharman-3-carboxylic acid	Catalogue Number:	CPTD783524
Synonyms:	N/A	Lot Number:	0917-RH-0087
CAS Number:	42438-90-4	Expiry Date:	Sep 21, 2030
Molecular Formula:	C ₁₂ H ₁₂ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	216.24	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.788%
Loss on Drying	TGA	3.7496%
Assay		95.1%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

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: Sep 22, 2026

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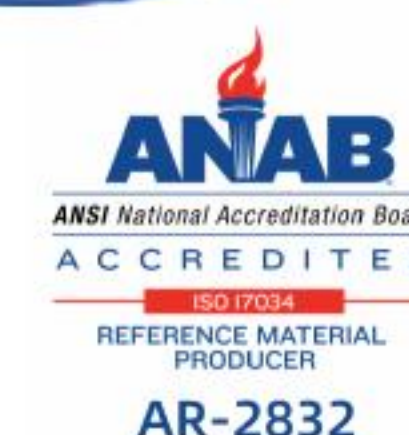
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Page 1 of 6



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