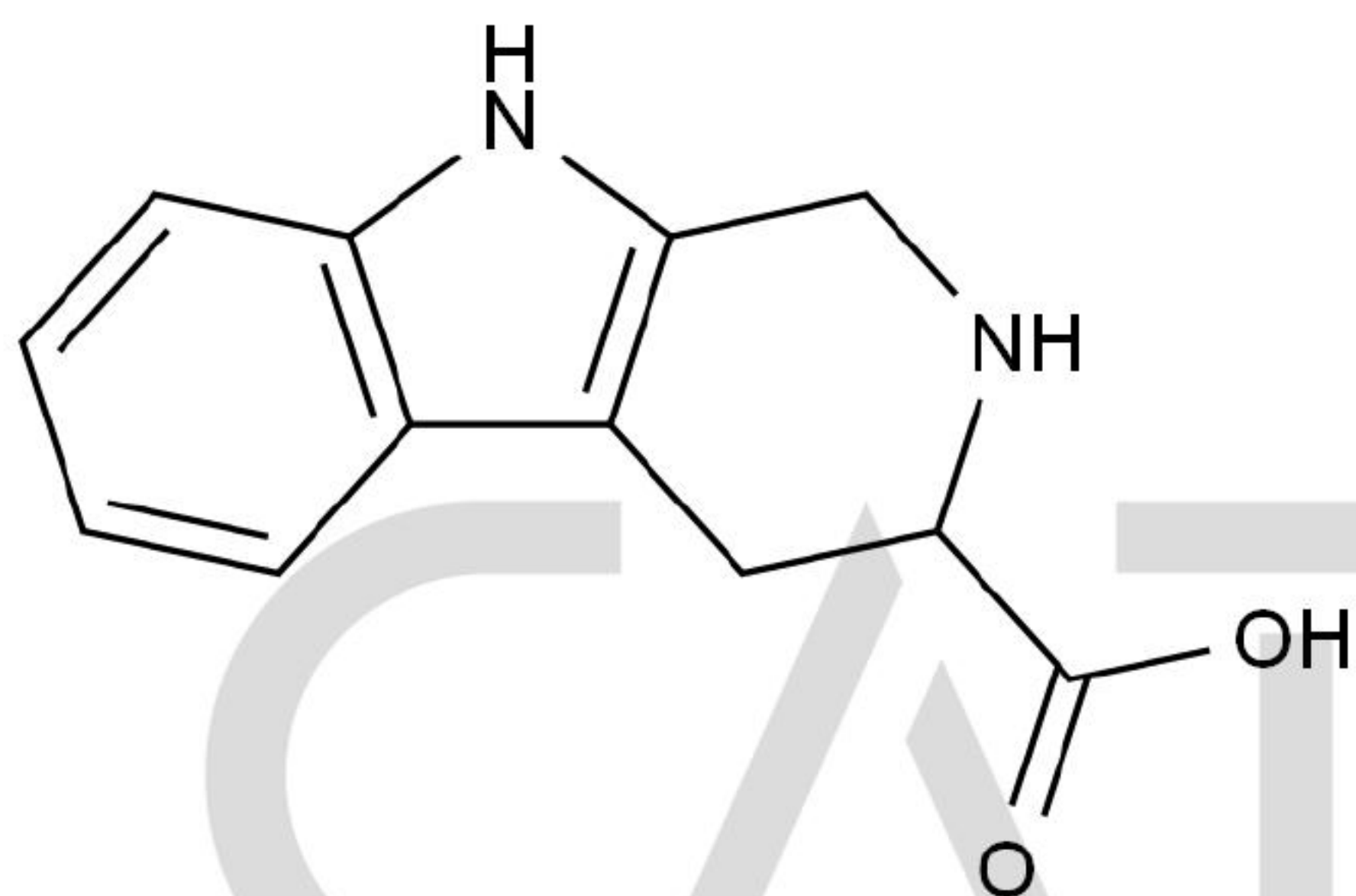


Certificate of Analysis

Reference Material & Standard

Product Name:	Tryptophan EP Impurity H	Catalogue Number:	C4X-137310
Synonyms:	N/A	Lot Number:	0304-RG-0118
CAS Number:	6052-68-2	Expiry Date:	Mar 09, 2028
Molecular Formula:	C ₁₂ H ₁₂ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	216.24	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.114%
Loss On Drying	TGA	1.446%
Assay		95.7%

Comment:

The calculation of the 100% 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: Mar 10, 2025

Date: Mar 10, 2025

Date: Mar 10, 2025

