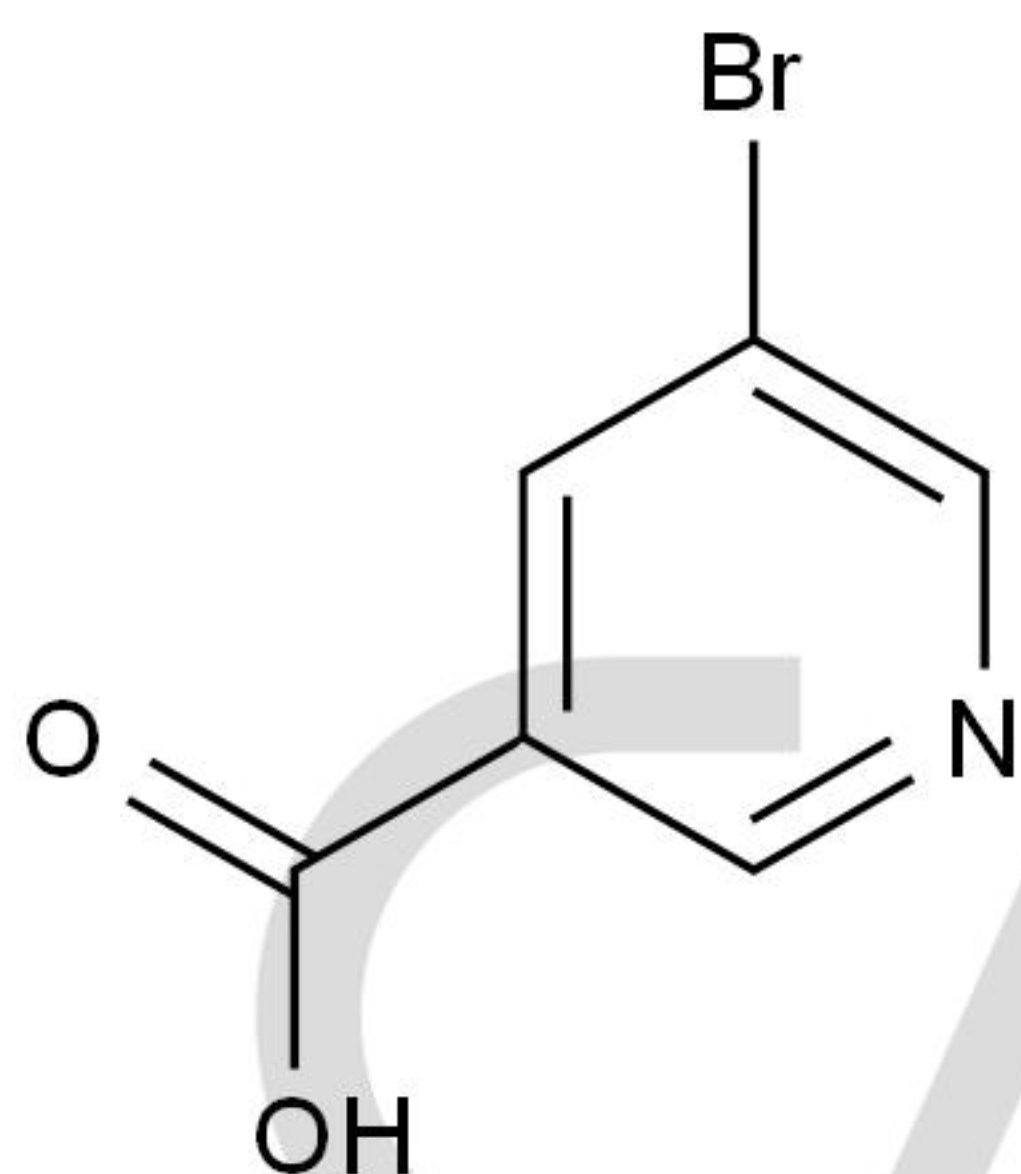


Certificate of Analysis

Reference Material & Standard

Product Name:	Nicergoline EP Impurity D	Catalogue Number:	C4X-208519
Synonyms:	5-bromonicotinic acid	Lot Number:	0517-RE-0004
CAS Number:	20826-04-4	Expiry Date:	May 14, 2028
Molecular Formula:	C ₆ H ₄ BrNO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	202.01	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.800%
Loss On Drying	TGA	0.0273%
Assay		99.8%

Comment:

The calculation of the 100% 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 15, 2025

Date: May 15, 2025

Date: May 15, 2025

