

Certificate of Analysis

Reference Material & Standard

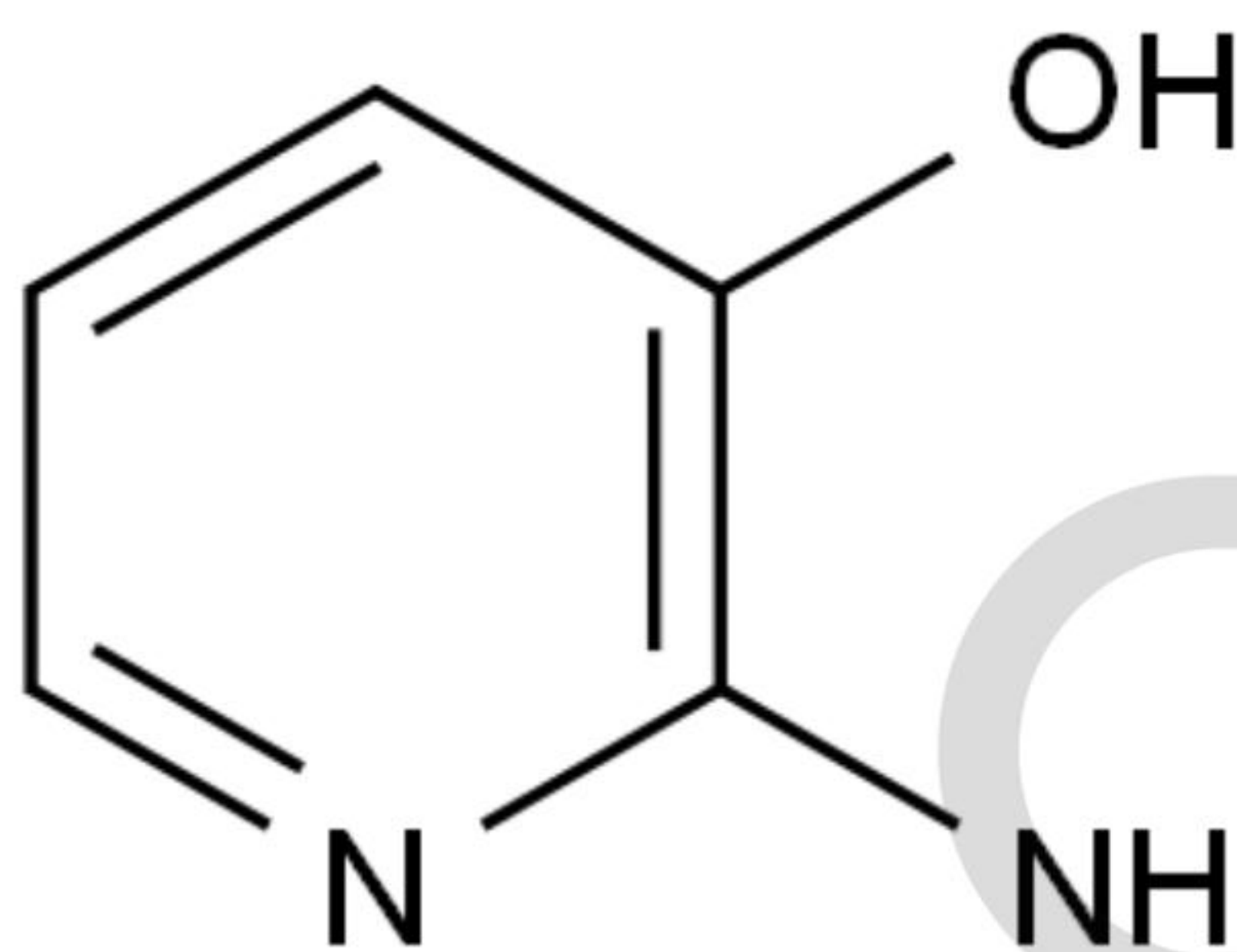
Product Name: 2-Amino-3-hydroxypyridine
Synonyms: N/A
CAS Number: 16867-03-1
Molecular Formula: C₅H₆N₂O
Molecular Weight: 110.11

Catalogue Number: CCAD301043
Lot Number: 0622-RB-0008
Expiry Date: Aug 13, 2027
Storage: Room Temp Protected from light and Sealed

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	97.9162%
Loss On Drying	TGA	0.0730%
Assay		97.8%
Uncertainty		±2.0%

Comment:

1. 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.

2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Nov 07, 2023

Date: Nov 07, 2023

Date: Nov 07, 2023

