CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

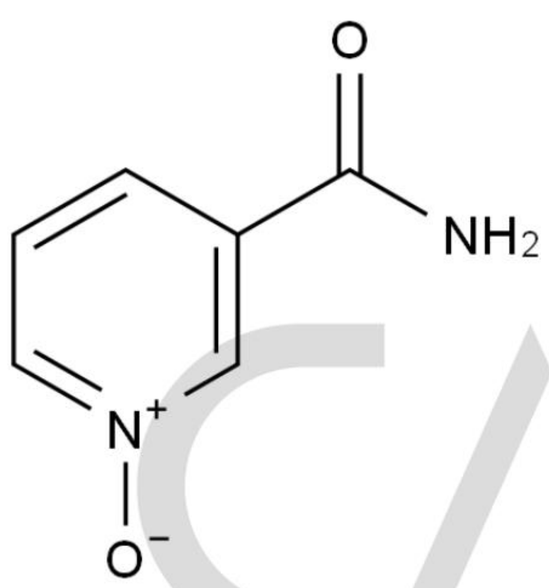
No.: 202403150104

Certificate of Analysis

Reference Material & Standard

Product Name:	Nicotinamide EP Impurity E	**Catalogue Number:**	C4X-20005
Synonyms:	N/A	**Lot Number:**	0301-RC-0056
CAS Number:	1986-81-8	**Expiry Date:**	Mar 19, 2028
Molecular Formula:	C6H6N2O2	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	138.12	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.1208%
Loss On Drying	TGA	0.00%
Assay		99.1%

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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: Alice — Date: Mar 20, 2024

Reviewed by: Lisa — Date: Mar 20, 2024

Aporoved by General Manager: David — Date: Mar 20, 2024

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