

Certificate of Analysis

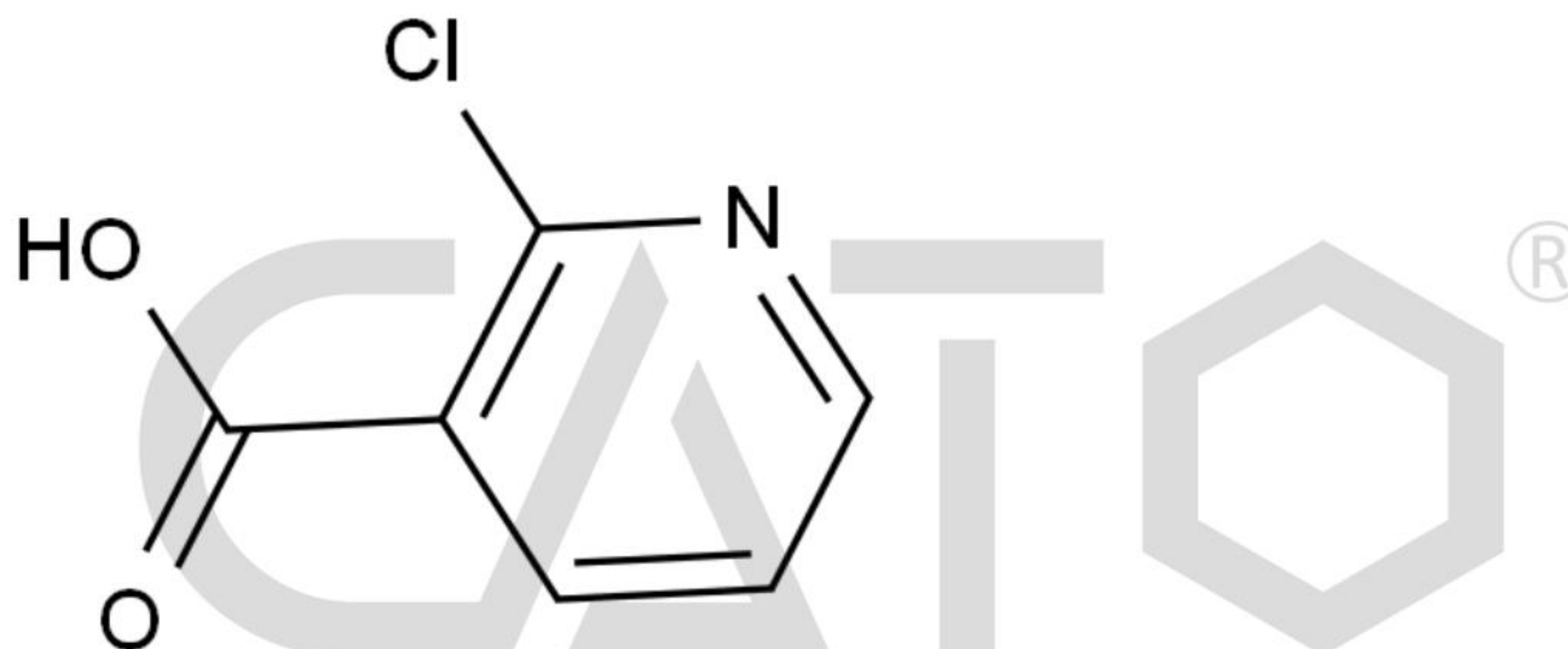
Reference Material & Standard

Product Name:	Flunixin Meglumine EP Impurity A	Catalogue Number:	C4X-21423
Synonyms:	2-Chloronicotinic Acid	Lot Number:	0815-RG-0033
CAS Number:	2942-59-8	Expiry Date:	Aug 14, 2029
Molecular Formula:	C ₆ H ₄ ClNO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	157.55	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	0.3338%
Assay		99.7%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Aug 15, 2025

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