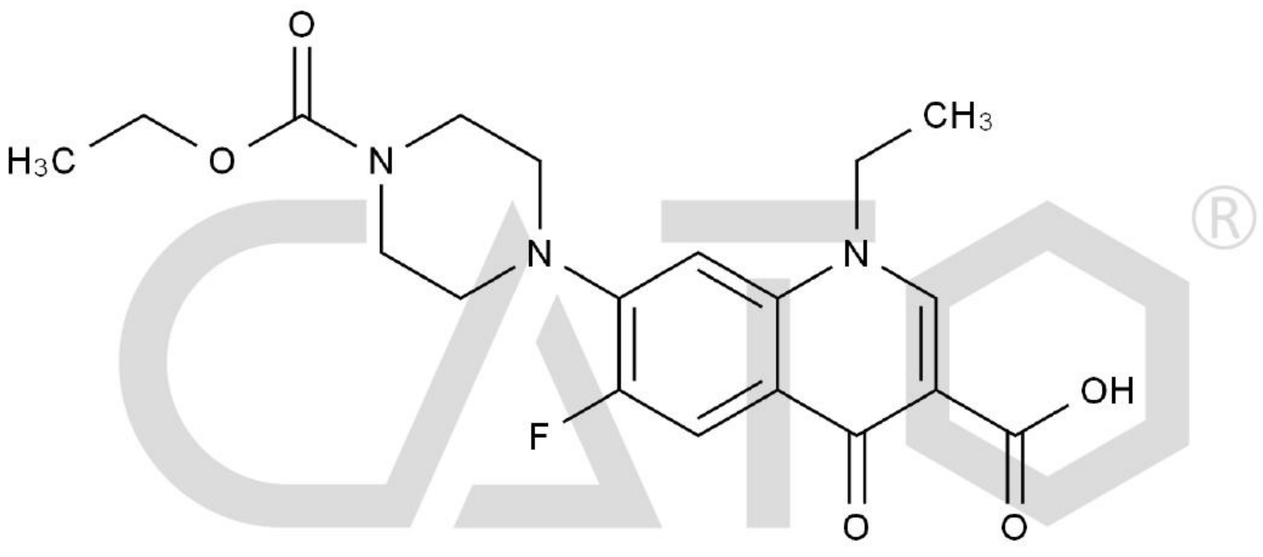
Certificate of Analysis

Reference Material & Standard

Product Name:	Norfloxacin EP Impurity H	**Catalogue Number:**	C4X-146813
Synonyms:	Norfloxacin Related Compound H	**Lot Number:**	0925-RF-0032
CAS Number:	105440-01-5	**Expiry Date:**	Nov 10, 2030
Molecular Formula:	$C_{19}H_{22}FN_3O_5$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	391.39	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	95.889%
Residue on Ignition	TGA	0.5968%
Loss on Drying	TGA	0.1004%
Assay	Mass Balance	95.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss on Drying) * Purity HPLC (%) /100%*
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Koji — Date: Nov 11, 2026

Reviewed by: Lisa — Date: Nov 12, 2026

Approved by General Manager: David — Date: Nov 12, 2026

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