

Certificate of Analysis

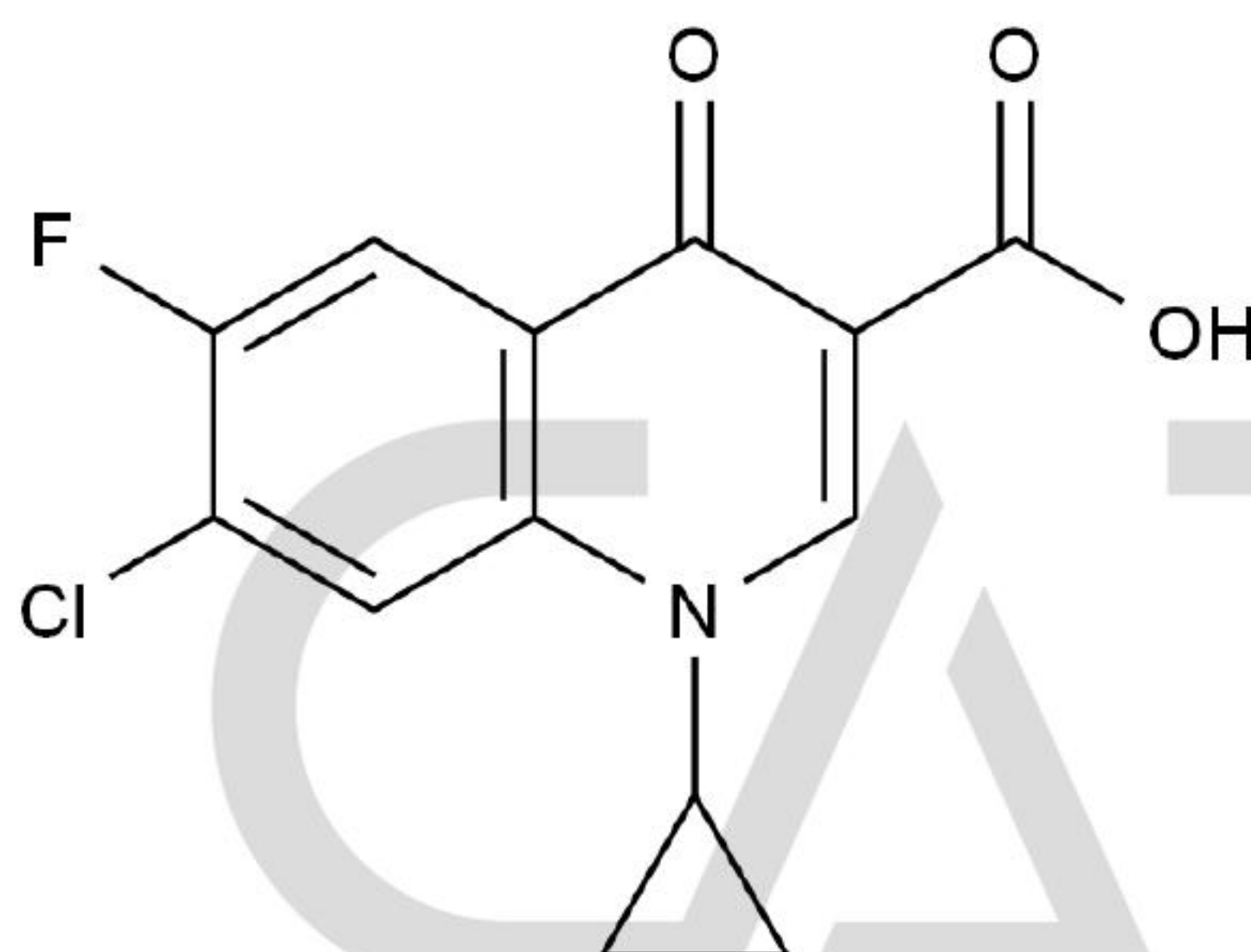
Reference Material & Standard

Product Name:	Ciprofloxacin EP Impurity A	Catalogue Number:	C4X-16281
Synonyms:	N/A	Lot Number:	0918-RF-0087
CAS Number:	86393-33-1	Expiry Date:	Sep 22, 2027
Molecular Formula:	C ₁₃ H ₉ ClFNO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	281.67	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.660%
Loss on Drying	TGA	0.0261%
Assay		99.6%

Comment:

The calculation of the mass balance 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 29, 2024

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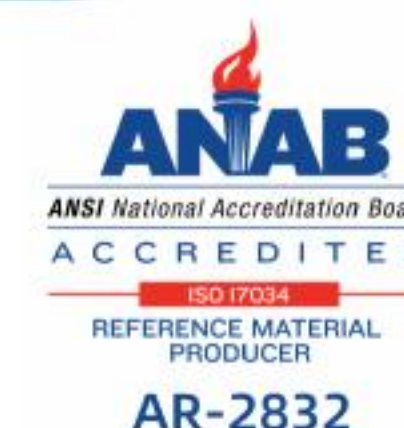
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Page 1 of 8



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