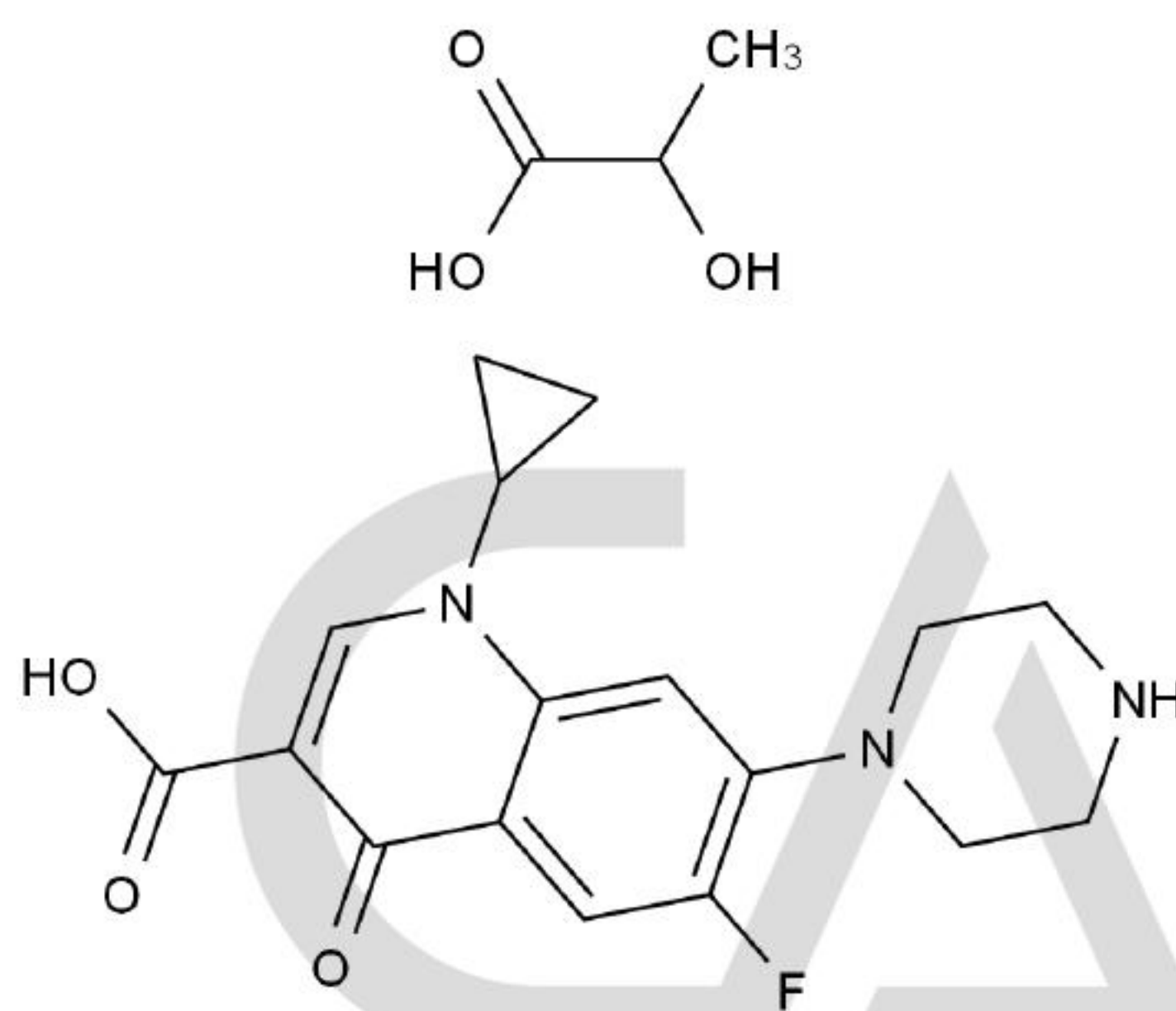


Certificate of Analysis

Reference Material & Standard

Product Name:	Ciprofloxacin Lactate	Catalogue Number:	CNFA410115
Synonyms:	N/A	Lot Number:	0302-RH-0152
CAS Number:	97867-33-9	Expiry Date:	Mar 01, 2030
Molecular Formula:	C ₁₇ H ₁₈ FN ₃ O ₃ · C ₃ H ₆ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	331.34 90.08	Shipping Condition:	Shipping with Ice Packs
Solubility:	Water		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.876%
Loss On Drying	TGA	5.7686%
Assay		94.1%
Uncertainty		±0.6%

Comment:

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

$$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.
- 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:

Nice

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Mar 02, 2026

Date: Mar 03, 2026

Date: Mar 03, 2026

