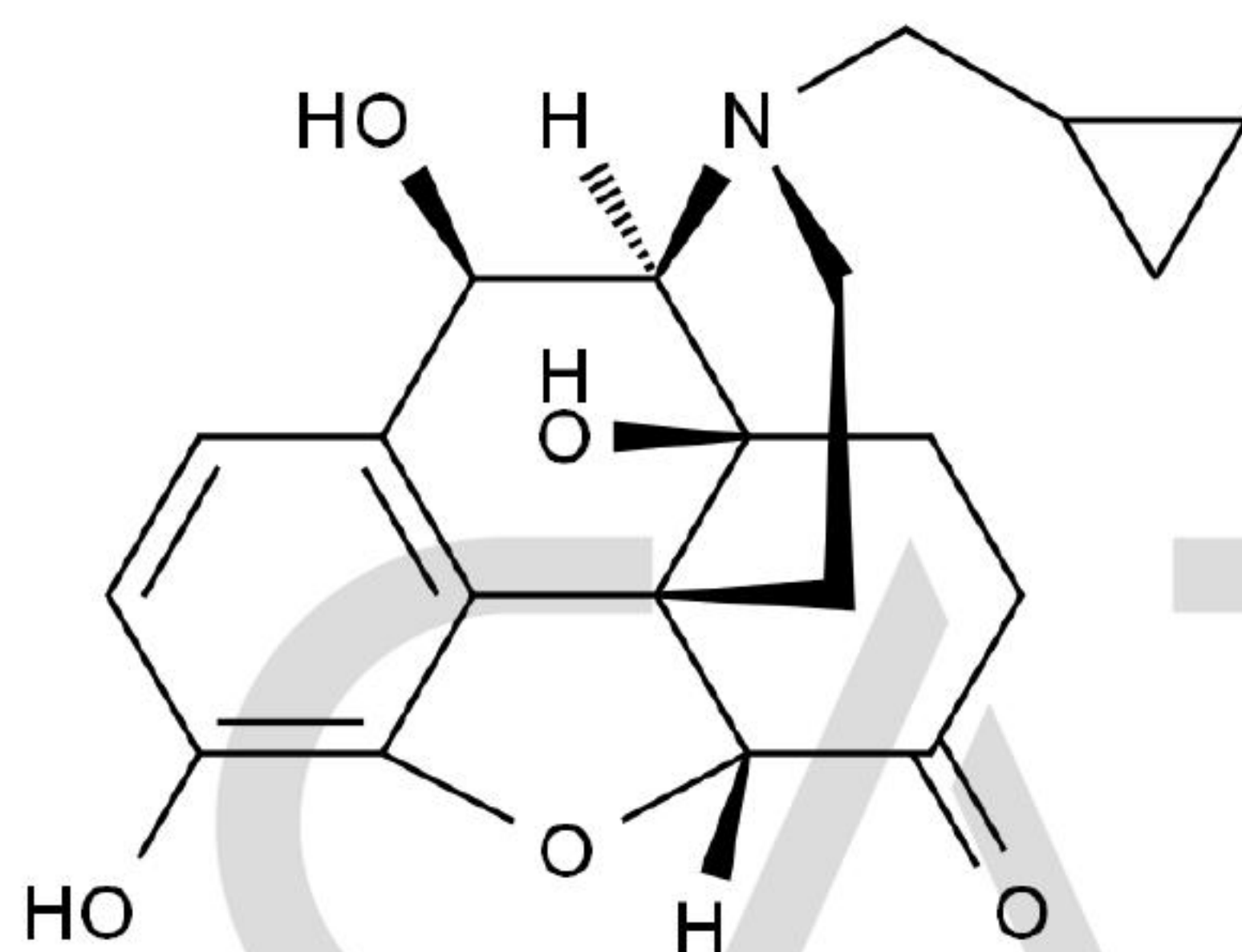


Certificate of Analysis

Reference Material & Standard

Product Name:	Naltrexone EP Impurity G	Catalogue Number:	C4X-14757
Synonyms:	N/A	Lot Number:	0912-RF-0057
CAS Number:	N/A	Expiry Date:	Sep 17, 2027
Molecular Formula:	C ₂₀ H ₂₃ NO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	357.40	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.690%
Loss On Drying	TGA	2.3393%
Assay		96.4%

Comment:

The calculation of the 100% 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.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 18, 2024

Date: Sep 18, 2024

Date: Sep 18, 2024

