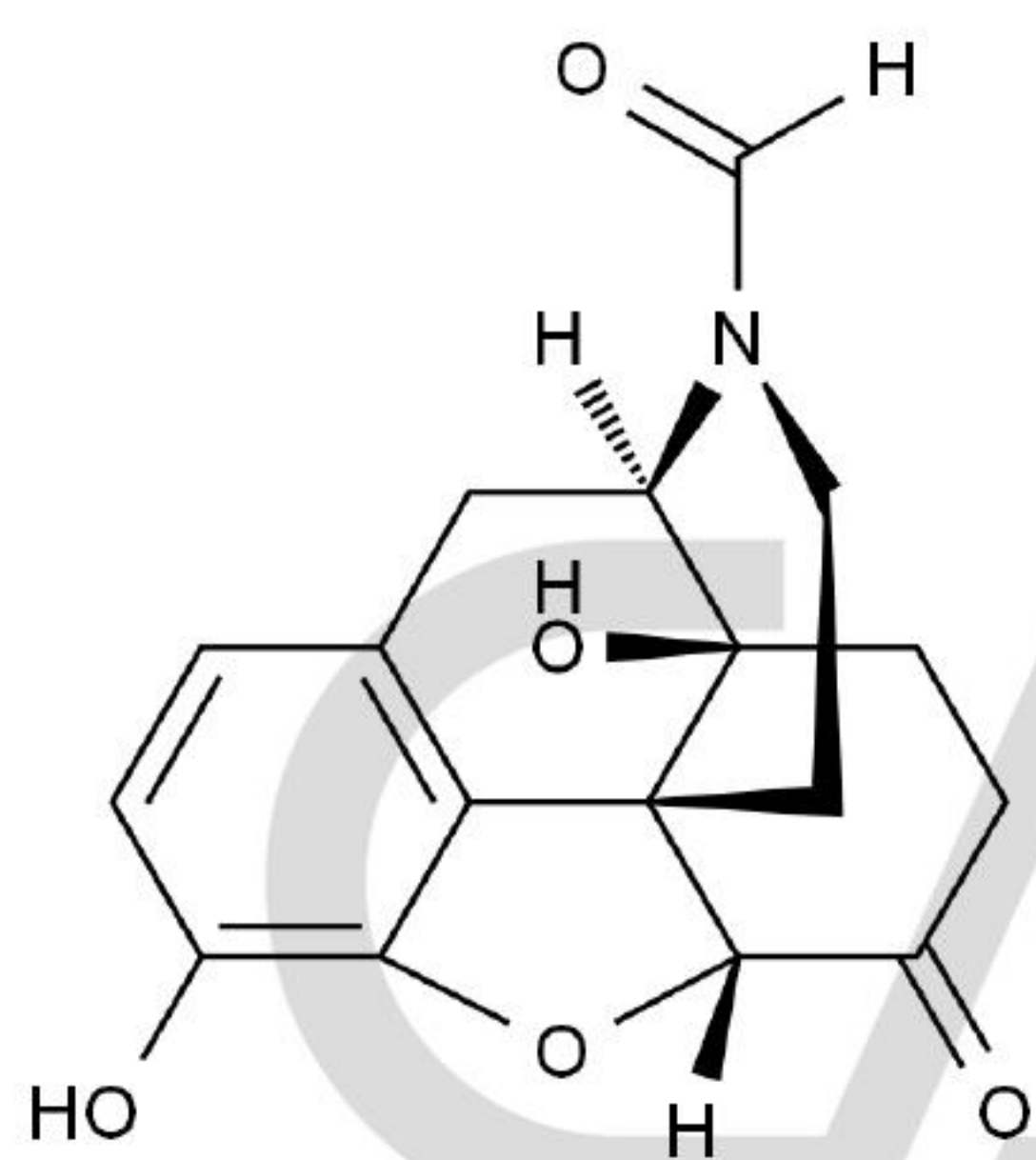


Certificate of Analysis

Reference Material & Standard

Product Name:	Naltrexone EP Impurity A	Catalogue Number:	C4X-14751
Synonyms:	N/A	Lot Number:	1216-RG-0015
CAS Number:	1007856-83-8	Expiry Date:	Nov 27, 2027
Molecular Formula:	C ₁₇ H ₁₇ NO ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	315.32	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.6%
Assay	qNMR	94.8%

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Dec 17, 2025

Date: Dec 17, 2025

Date: Dec 17, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

