Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

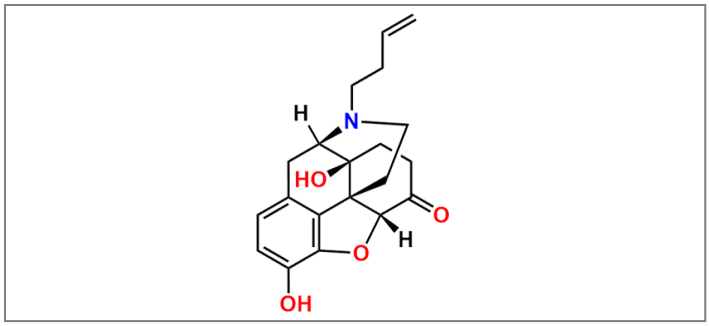
CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2026 Re-test Date: Aug 2029

Product Name: Naltrexone EP Impurity C

Identification:

Chemical Name: 17-But-3-enyl-4,5α-epoxy-3,14-dihydroxymorphinan-6-one (as per EP)



Synonyms	:	NA
CAS Number	:	189016-90-8
CAT Number	:	CP-N57003
Molecular Formula	:	C20H23NO4
Molecular Weight	:	341.4
Batch Number	:	CP-43-075
Storage Condition	:	Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition	:	All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/CDCl3
3)	Mass Spectrometry	Confirm to Structure
4)	Purity by HPLC	99.64%
5)	1HNMR	Confirm to Structure
6)	FT-IR	Confirm to Structure
7)	Weight loss by TGA	0.48%
8)	Potency	99.16%

Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.