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

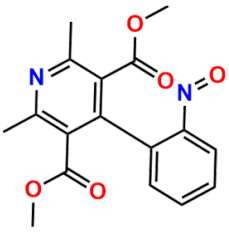
Analysis Date: Aug 2026 Re-test Date: Jul 2029

Product Name: Nifedipine EP Impurity B

Identification:

Chemical Name: Dimethyl 4-(2-nitrosophenyl)-2,6-dimethylpyridine-3,5-dicarboxylate

Synonyms	:	Nifedipine Nitrosophenylpyridine analog (USP)
CAS Number	:	50428-14-3
CAT Number	:	CP-N9002
Molecular Formula	:	C17H16N2O5
Molecular Weight	:	328.32
Batch Number	:	CP-NIF-B-0224
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	Green Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	95.19%
5)	1HNMR	Confirm to structure
6)	Weight loss by TGA	0.377%
7)	Potency	-

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.