

Certificate of Analysis

Catalogue Number

KL-06-00038

Lot Number

KLP0064AJ01

Product Name

N-Nitroso Carbamazepine EP Impurity E

Synonyms

10,11-Dihydro-5-nitroso-5H-dibenz[b,f]azepine

CAS Number

7458-08-4

Molecular Formula
 $C_{14}H_{12}N_2O$
Molecular Weight

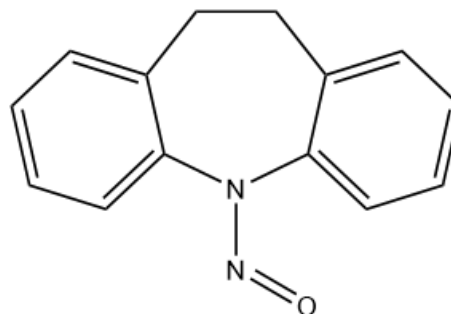
224.26 g/mol

Mfg. Date

08-11-2025

Re-Test Date

07-11-2028

Structure

Shipping Condition

All Product are stable to be shipped at room temperature, unless otherwise specified.

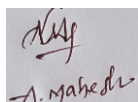
Long Term Storage Conditions

2°C ~ 8°C Protected from light and Sealed

Analytical Information

Test	Specifications	Results
Appearance	Orange solid	Orange solid
Solubility	Soluble in DMSO, Methanol	Conforms
Purity by HPLC	Not less than 90.00%	95.98%
Identification by 1H NMR	Conforms to structure	Complies
Identification by Mass	Conforms Molecular Weight	Complies
Identification by IR	Conform functional groups	Complies
Weight Content By TGA	Not specified	0.146%
Residue of Ignition By TGA	Not specified	0.000%
Potency	Not specified	95.84%

Prepared by



Reviewed & Approved by



Note: Use for research & analytical purpose only. Not for human consumption

Kaaris Research Labs Private Limited, Shed No. 2B at Plot No.22, Road No. 17, IDA, Nacharam, Hyderabad-500 076

sales@kaarislabs.com, www.kaarislabs.com An ISO 9001-2015 Certified Company