

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](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Isosorbide Dinitrate EP Impurity C**

### Identification:

Chemical Name: (3R,3aS,6S,6aR)-6-hydroxyhexahydrofuro[3,2-b]furan-3-yl nitrate compound with (3R,4R,5S,6R)-6-(hydroxymethyl)-5-(((2S,3R,4S,5R,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)tetrahydro-2H-pyran-2,3,4-triol

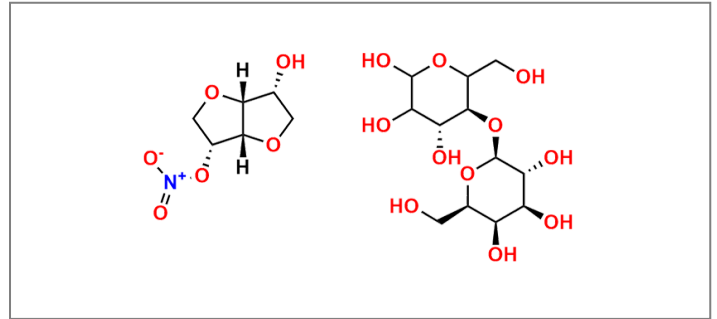
Synonyms : Isosorbide 5-Mononitrate  
(Diluted with lactose)

CAS Number : NA

CAT Number : CP-I24019

Molecular Formula : C<sub>6</sub>H<sub>9</sub>NO<sub>6</sub>: C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>

Molecular Weight : 191.14



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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