

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC029012-01)

Release Date: 04/09/2024

Re-test Date: 03/09/2027

## 1,2-BIS(2-NITROPHENYL)ETHANE

### Identification

**Chemical Name :**

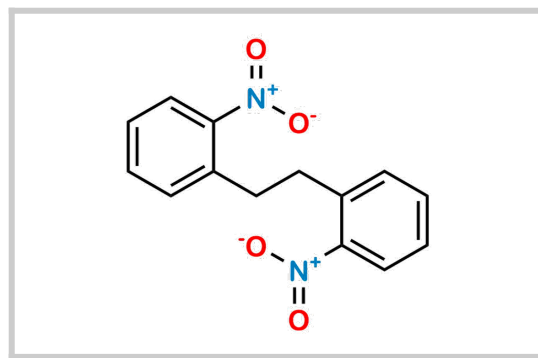
1,1'-(1,2-Ethanediy)bis[2-nitro-Benzene]

CAT No. : KMC029012

CAS No. : 16968-19-7

Molecular Formula : C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 272.3



### Analytical Information

Batch No. : C029012-073-361

Description : Light Brown Solid

HPLC Purity : 99.53 %

Weight Loss By TGA : 2.00 %

% Potency : 97.54 %

Solubility : ACN

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 2.00(Weight Loss By TGA)] x [99.53(HPLC Purity)]/100 = 97.54 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		05/09/2024

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA