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

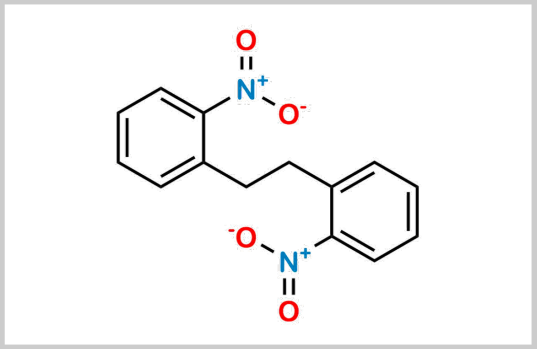
Chemical Name :
1,1’-(1,2-Ethanediyl)bis[2-nitro-Benzene]

CAT No. : KMC029012

CAS No. : 16968-19-7

Molecular Formula : C14H12N2O4

Molecular Weight : 272.3



Analytical Information

Batch No.	: C029012-073-361	**Solubility**	: ACN
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 99.53 %	**IR**	: Confirm
Weight Loss By TGA	: 2.00 %	**1H NMR**	: Confirm
% Potency	: 97.54 %		

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, 1HNMR, IR and TGA