

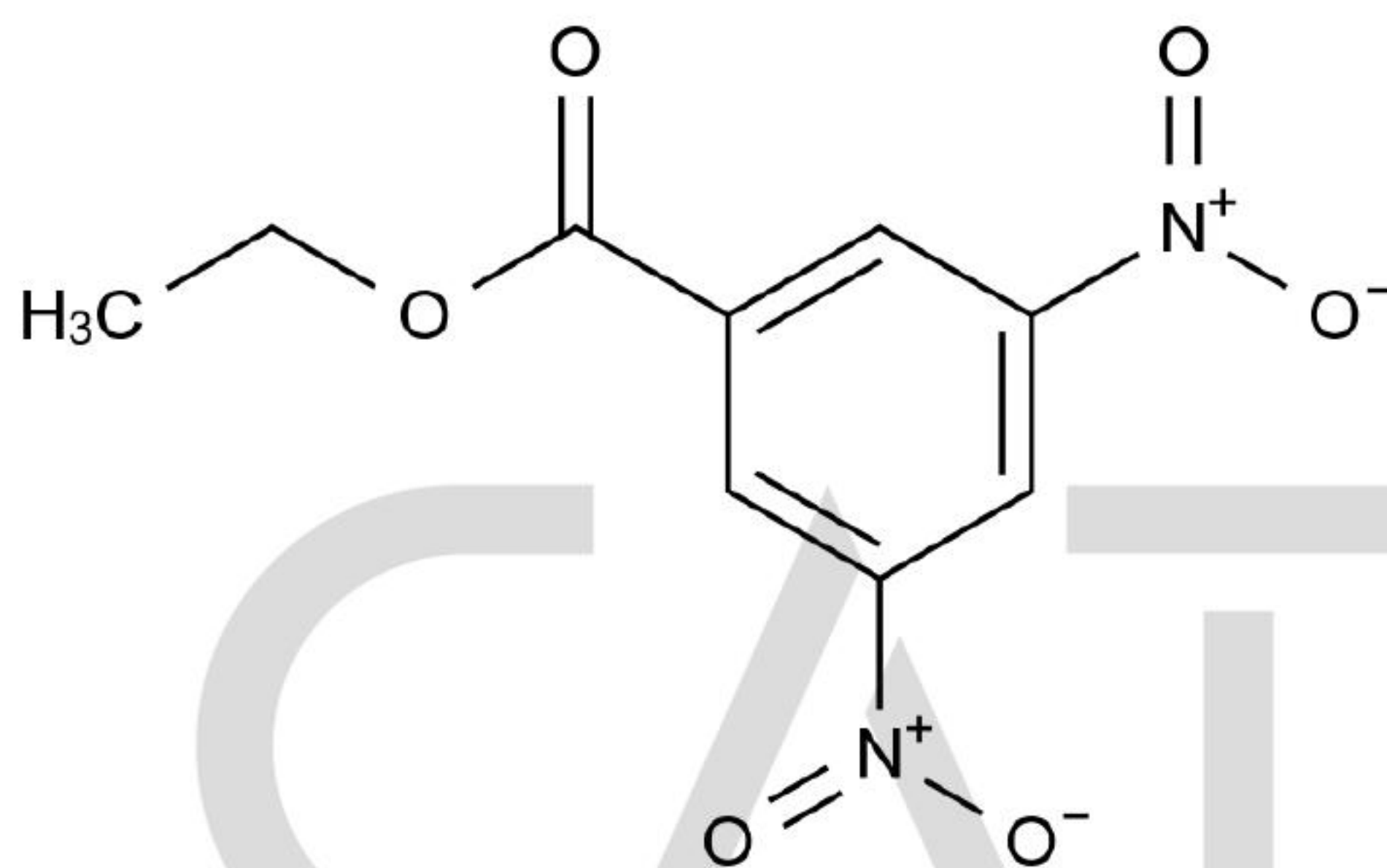
Certificate of Analysis

Reference Material & Standard

Product Name:	Ethyl 3,5-dinitrobenzoate	Catalogue Number:	C1815239
Synonyms:	N/A	Lot Number:	1115-RF-0064
CAS Number:	618-71-3	Expiry Date:	Nov 19, 2027
Molecular Formula:	C ₉ H ₈ N ₂ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	240.17	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.644%
Loss On Drying	TGA	0.4619%
Assay		99.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 20, 2024

Date: Nov 20, 2024

Date: Nov 20, 2024

