

Certificate of Analysis

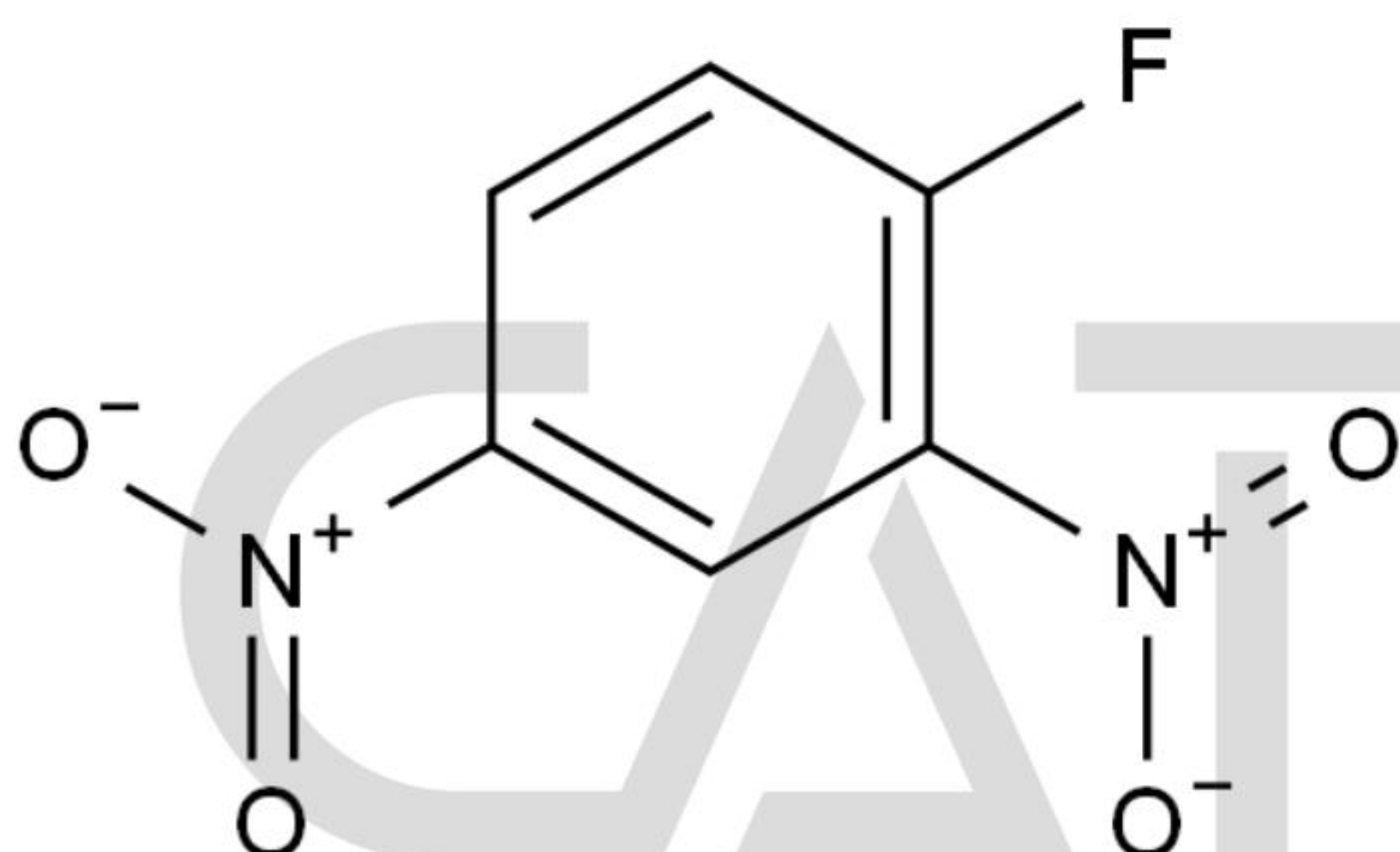
Reference Material & Standard

Product Name:	2,4-Dinitrofluorobenzene	Catalogue Number:	CCPD101643
Synonyms:	N/A	Lot Number:	1212-RF-0041
CAS Number:	70-34-8	Expiry Date:	Dec 10, 2028
Molecular Formula:	C ₆ H ₃ FN ₂ O ₄	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	186.10		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Green Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8%
Assay	qNMR	91.2%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 11, 2024

Date: Dec 12, 2024

Date: Dec 12, 2024



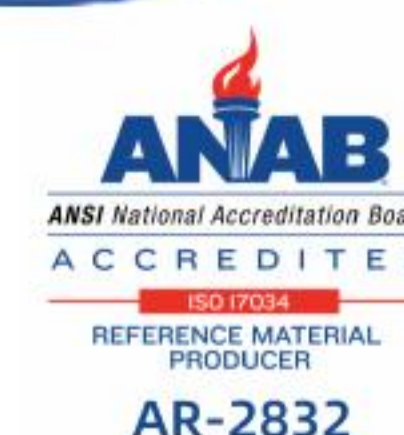
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Page 1 of 7



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