CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

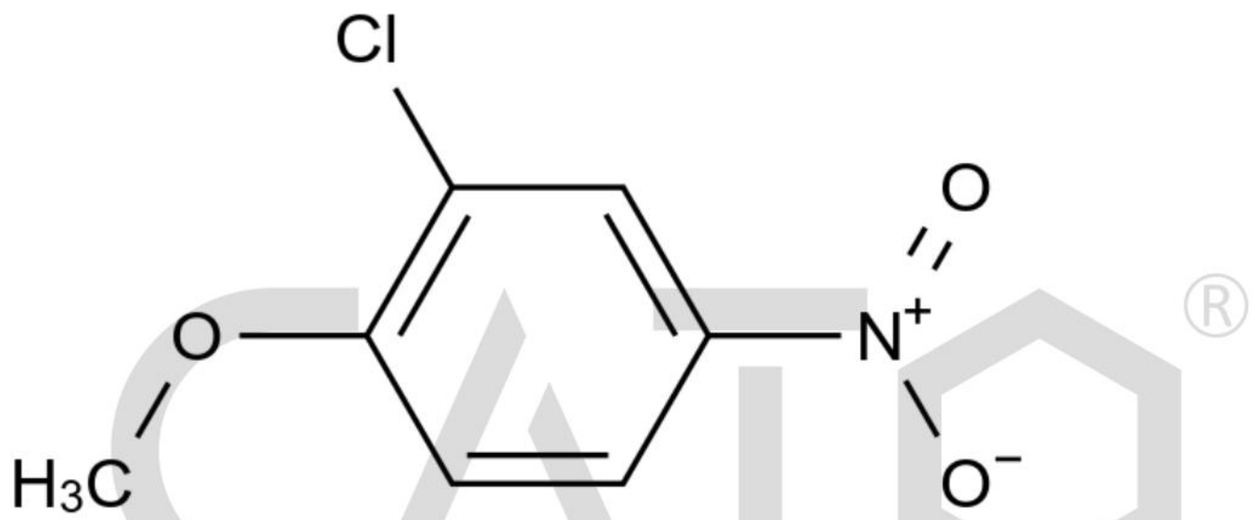
No.: 202508200012

Certificate of Analysis

Reference Material & Standard

Product Name:	2-Chloro-4-nitroanisole	**Catalogue Number:**	C1621512
Synonyms:	N/A	**Lot Number:**	0821-RG-0047
CAS Number:	4920-79-0	**Expiry Date:**	Aug 24, 2029
Molecular Formula:	C7H6ClNO3	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	187.58	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	98.297%
Loss On Drying	TGA	0.7891%
Assay		97.5%

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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: Alice — Date: Aug 25, 2025

Reviewed by: Koi — Date: Aug 25, 2025

Approved by General Manager: David — Date: Aug 25, 2025

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