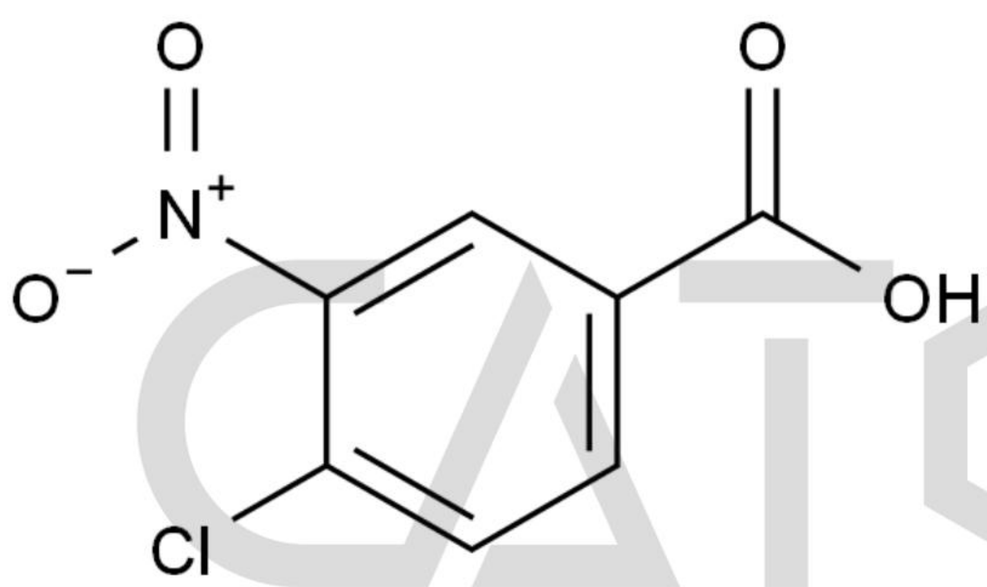
Certificate of Analysis

Reference Material & Standard

Product Name:	4-Chloro-3-nitrobenzoic Acid	**Catalogue Number:**	C4X-20273
Synonyms:	N/A	**Lot Number:**	0705-RA-0002
CAS Number:	96-99-1	**Expiry Date:**	Oct 07, 2030
Molecular Formula:	$C_7H_4ClNO_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	201.56	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	0.4434%
Assay	Mass Balance	99.6%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content) * Purity HPLC (%) /100%*
Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Koi Date: Oct 08, 2026

Reviewed by: Lisa Date: Oct 09, 2026

Approved by General Manager: David Date: Oct 09, 2026

CATO Research Chemicals Inc.