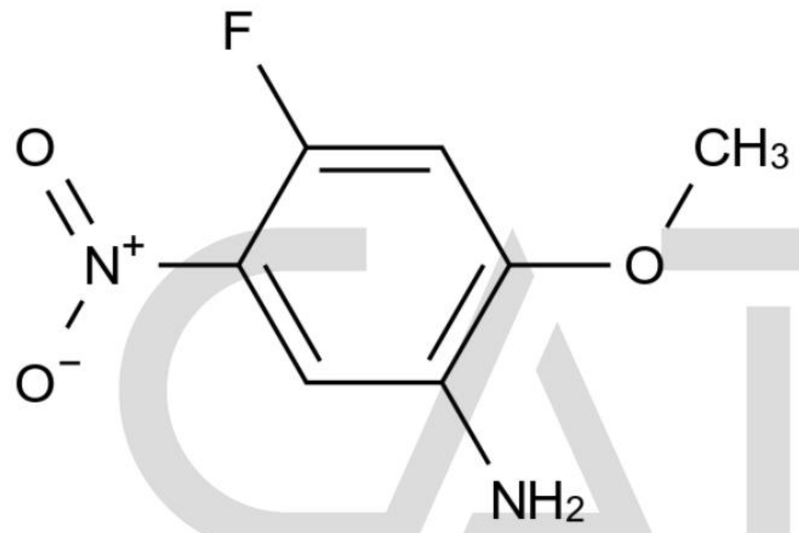
Certificate of Analysis

Reference Material & Standard

Product Name:	4-Fluoro-2-methoxy-5-nitroaniline	**Catalogue Number:**	C1047688
Synonyms:	N/A	**Lot Number:**	0127-RH-0014
CAS Number:	1075705-01-9	**Expiry Date:**	Jan 28, 2030
Molecular Formula:	$C_7H_7FN_2O_3$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	186.14	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.0190%
Assay	Mass Balance	99.98%

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Comment:

The calculation of the mass balance 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: Nov 23, 2026

Reviewed by: Koi Date: Nov 23, 2026

Approved by General Manager: David Date: Nov 23, 2026

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