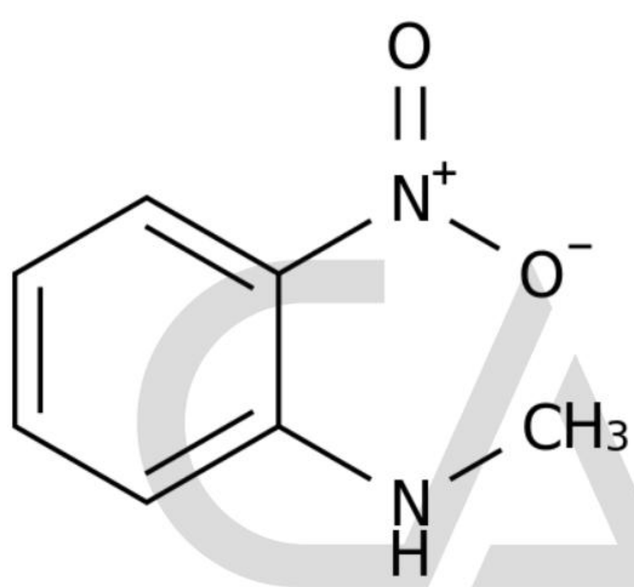
Certificate of Analysis

Reference Material & Standard

Product Name:	Telmisartan Impurity 50	**Catalogue Number:**	C4X-135950
Synonyms:	N-Methyl-2-nitroaniline	**Lot Number:**	1012-RH-0112
CAS Number:	612-28-2	**Expiry Date:**	Oct 11, 2030
Molecular Formula:	$C_7H_8N_2O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	152.15	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.7101%
Assay	Mass Balance	99.3%

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: Koi Date: Oct 12, 2026

Reviewed by: Lisa Date: Oct 13, 2026

Approved by General Manager: David Date: Oct 13, 2026

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