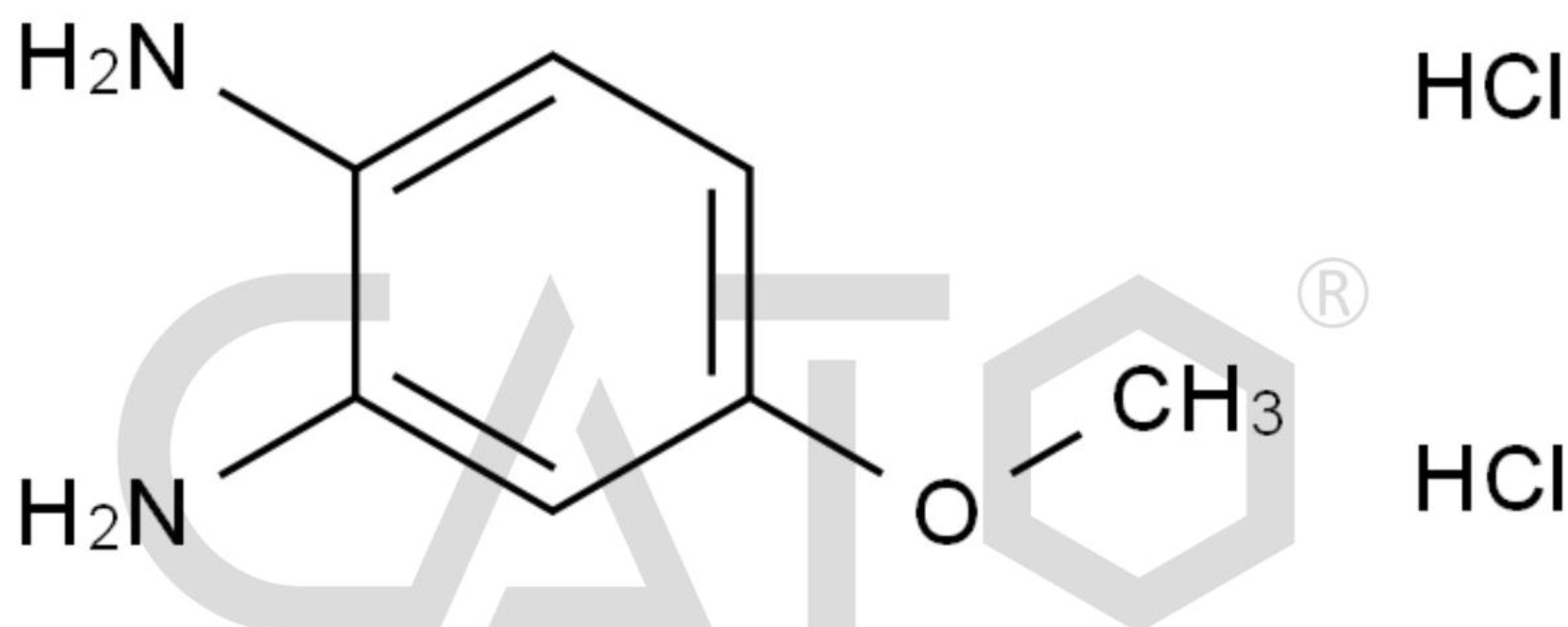


Certificate of Analysis

Reference Material & Standard

Product Name:	4-Methoxy-o-phenylenediamine dihydrochloride	Catalogue Number:	C3D-3086
Synonyms:	N/A	Lot Number:	0325-RG-0085
CAS Number:	59548-39-9	Expiry Date:	Apr 27, 2028
Molecular Formula:	C ₇ H ₁₀ N ₂ O 2*HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	138.17 2*36.46	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Black Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.603%
Loss On Drying	TGA	1.0550%
Assay		96.6%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 28, 2025

Date: Apr 28, 2025

Date: Apr 28, 2025

