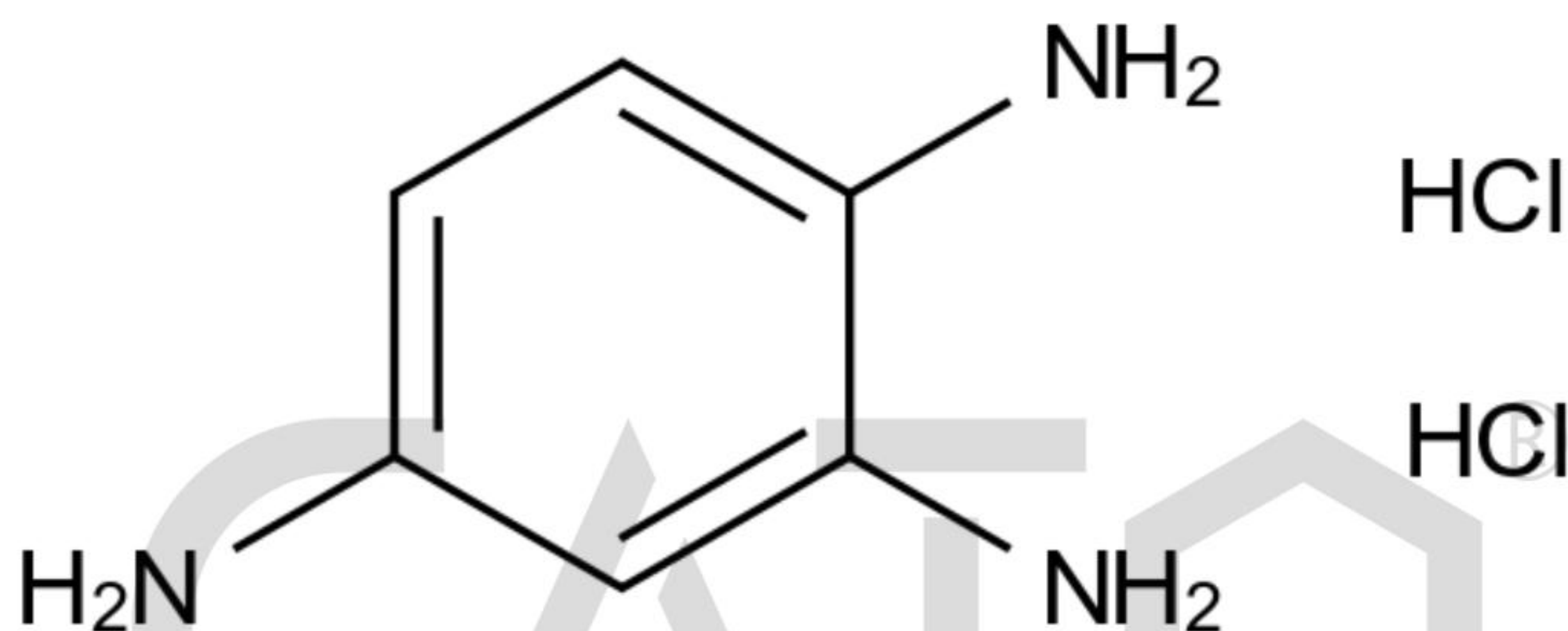


Certificate of Analysis

Reference Material & Standard

Product Name:	1,2,4-Triaminobenzene Dihydrochloride	Catalogue Number:	C3D-4547
Synonyms:	N/A	Lot Number:	0725-RF-0033
CAS Number:	615-47-4	Expiry Date:	Aug 05, 2027
Molecular Formula:	C ₆ H ₉ N ₃ 2*HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	123.16 2*36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Purple Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.914%
Water Content	Karl Fischer	1.0915%
Assay		95.9%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 06, 2024

Date: Aug 06, 2024

Date: Aug 06, 2024

