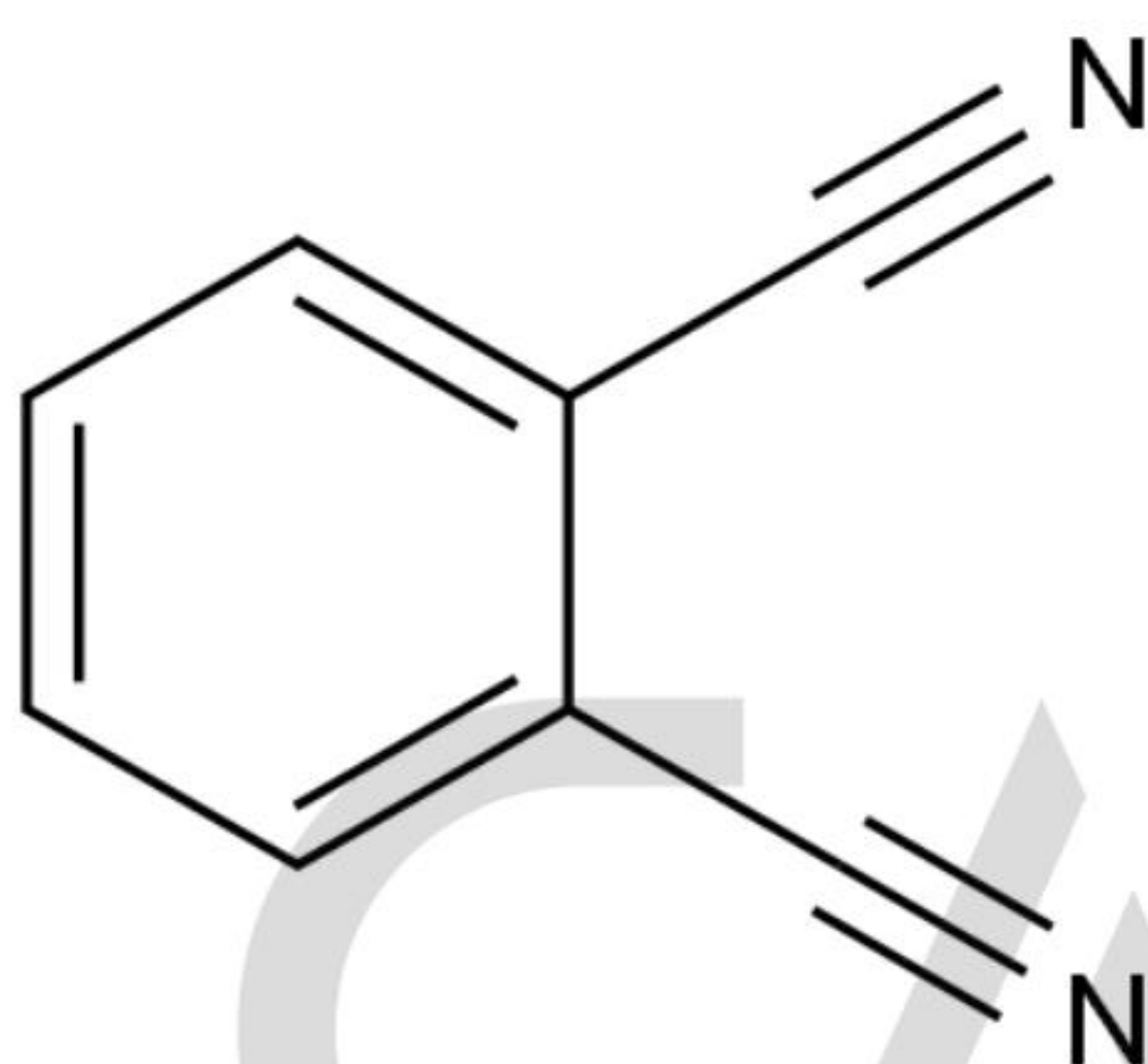


Certificate of Analysis

Reference Material & Standard

Product Name:	Phthalonitrile	Catalogue Number:	C3D-6111
Synonyms:	N/A	Lot Number:	0909-RF-0029
CAS Number:	91-15-6	Expiry Date:	May 05, 2028
Molecular Formula:	C ₈ H ₄ N ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	128.13		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.437%
Water Content	Karl Fischer	0.2581%
Assay		98.2%

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: May 06, 2025

Date: May 06, 2025

Date: May 06, 2025

