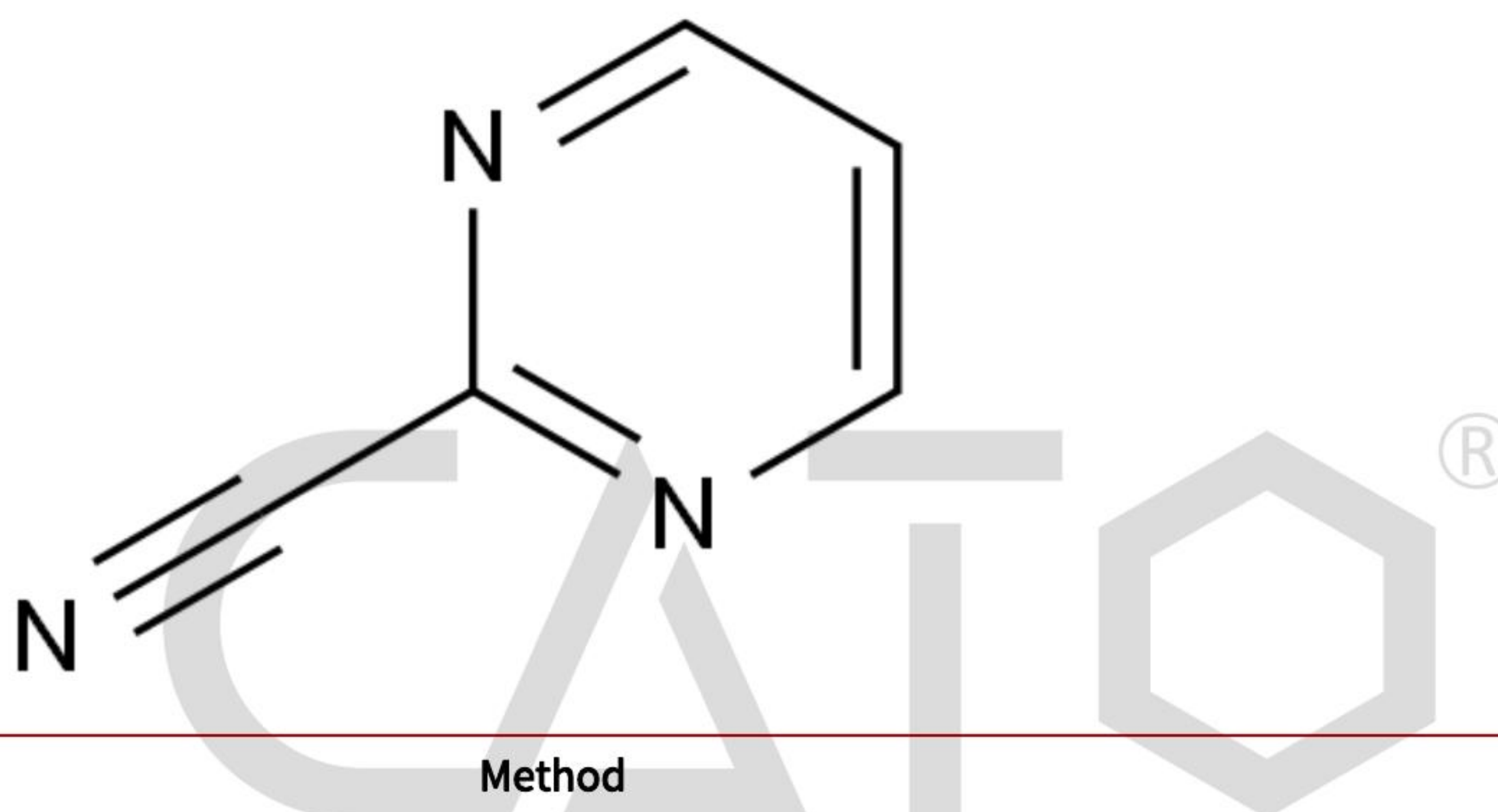


Certificate of Analysis

Reference Material & Standard

Product Name:	2-Cyanopyrimidine	Catalogue Number:	C3D-3360
Synonyms:	N/A	Lot Number:	1011-RA-0004
CAS Number:	14080-23-0	Expiry Date:	Dec 05, 2027
Molecular Formula:	C5H3N3	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	105.10		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Crystalline Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.658%
Water Content	Karl Fischer	0.2335%
Residue on Ignition	Muffle Furnace	0.01%
Assay		98.4%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residue on Ignition) * Purity HPLC (%) / 100%

Water Content and Residue on Ignition are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 06, 2024

Date: Dec 09, 2024

Date: Dec 09, 2024

