

Certificate of Analysis

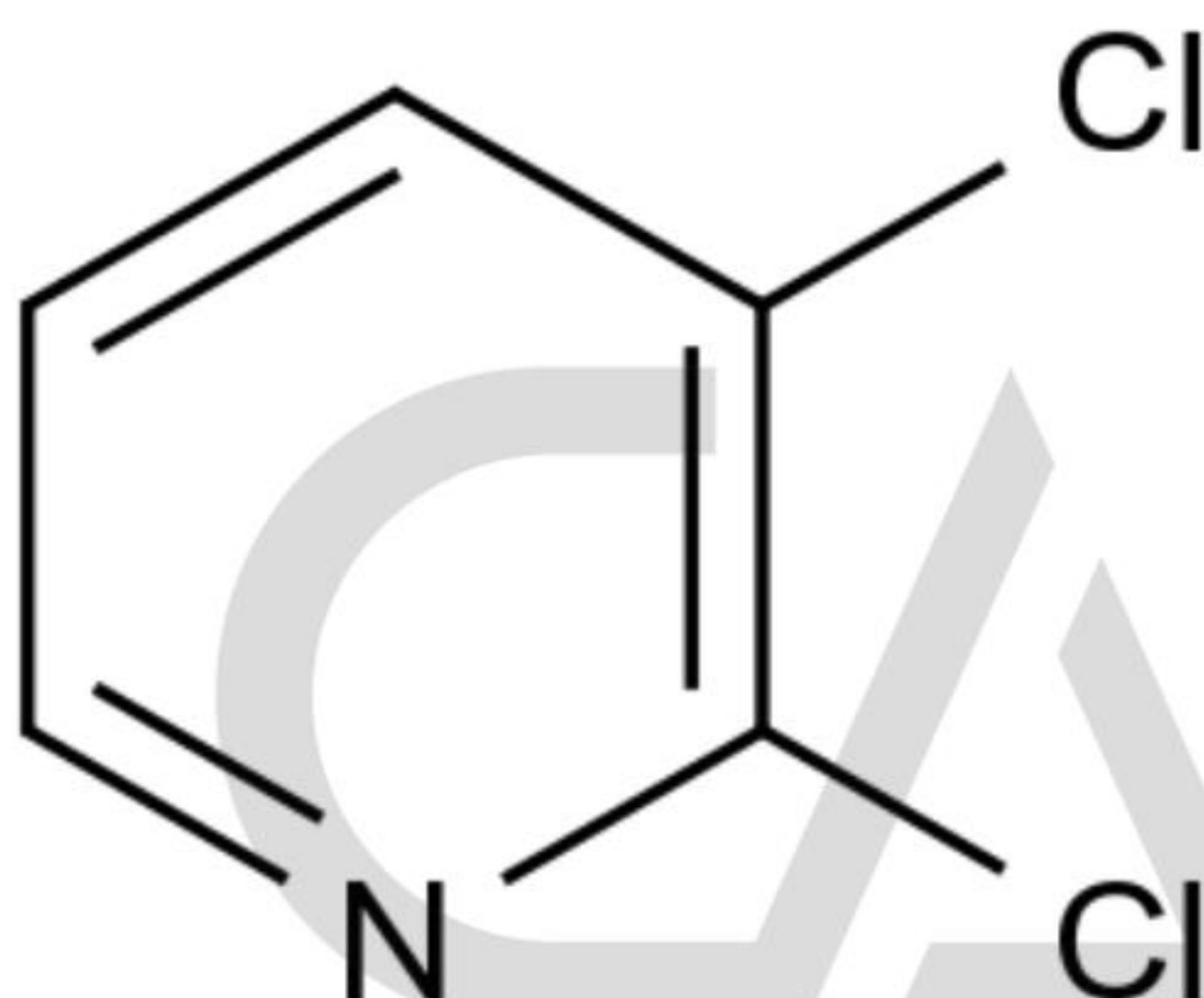
Reference Material & Standard

Product Name:	2,3-Dichloropyridine	Catalogue Number:	CCAD303562
Synonyms:	N/A	Lot Number:	0303-RE-0065
CAS Number:	2402-77-9	Expiry Date:	Mar 07, 2026
Molecular Formula:	C ₅ H ₃ Cl ₂ N	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	147.99		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Crystalline Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	0.1008%
Assay		99.9%
Uncertainty		±2.0%

Comment:

1. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Hinlam

Reviewed by:

Xenia

Approved by General Manager:

David

Date: Mar 08, 2023

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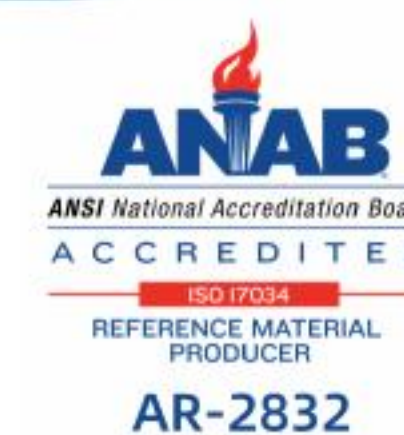
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