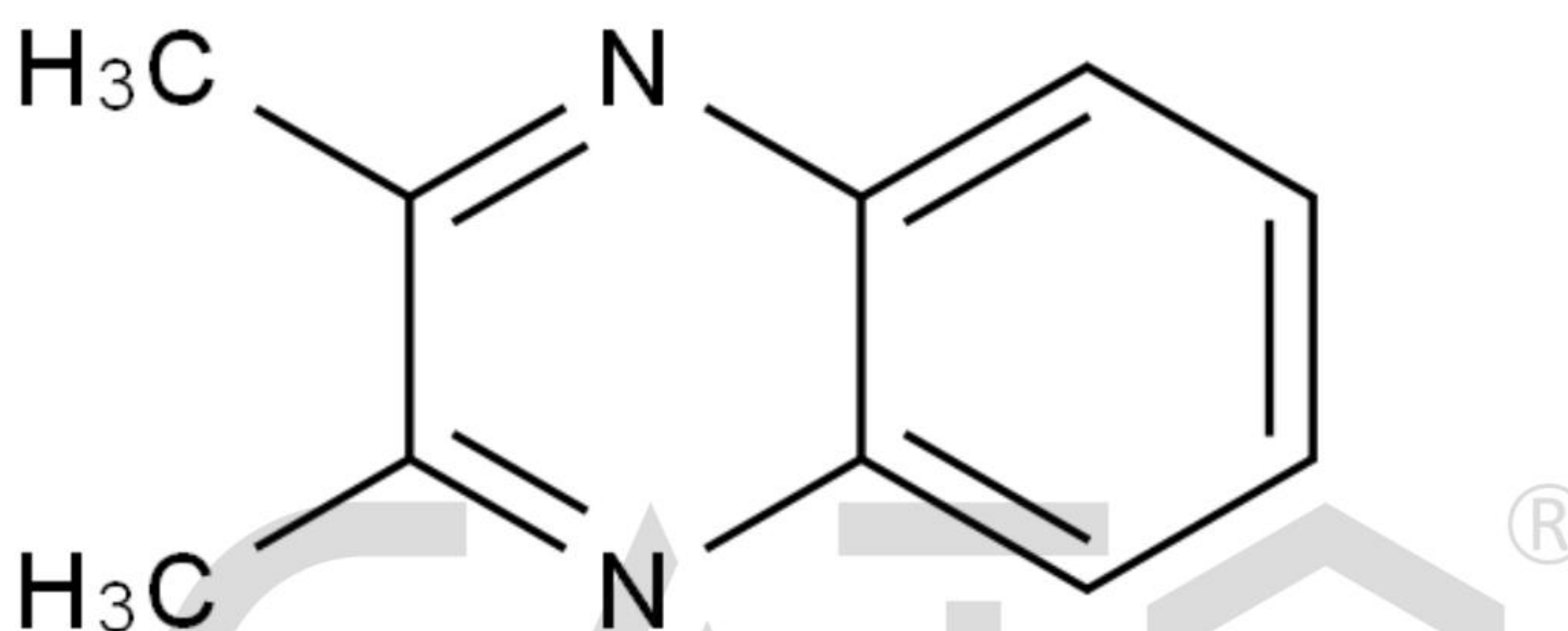


Certificate of Analysis

Reference Material

Product Name:	2,3-Dimethylquinoxaline	Catalogue Number:	CCHM700923
Chemical Name:	N/A	Lot Number:	1221-RD-0012
CAS Number:	2379-55-7	Expiry Date:	Dec 22, 2025
Molecular Formula:	C10H10N2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	158.20		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	1.7475%
Assay		98.3%
Uncertainty		±2.0%

Comment:

1. 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.

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:

Yuki

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Dec 23, 2022

Date: Dec 27, 2022

Date: Dec 27, 2022

