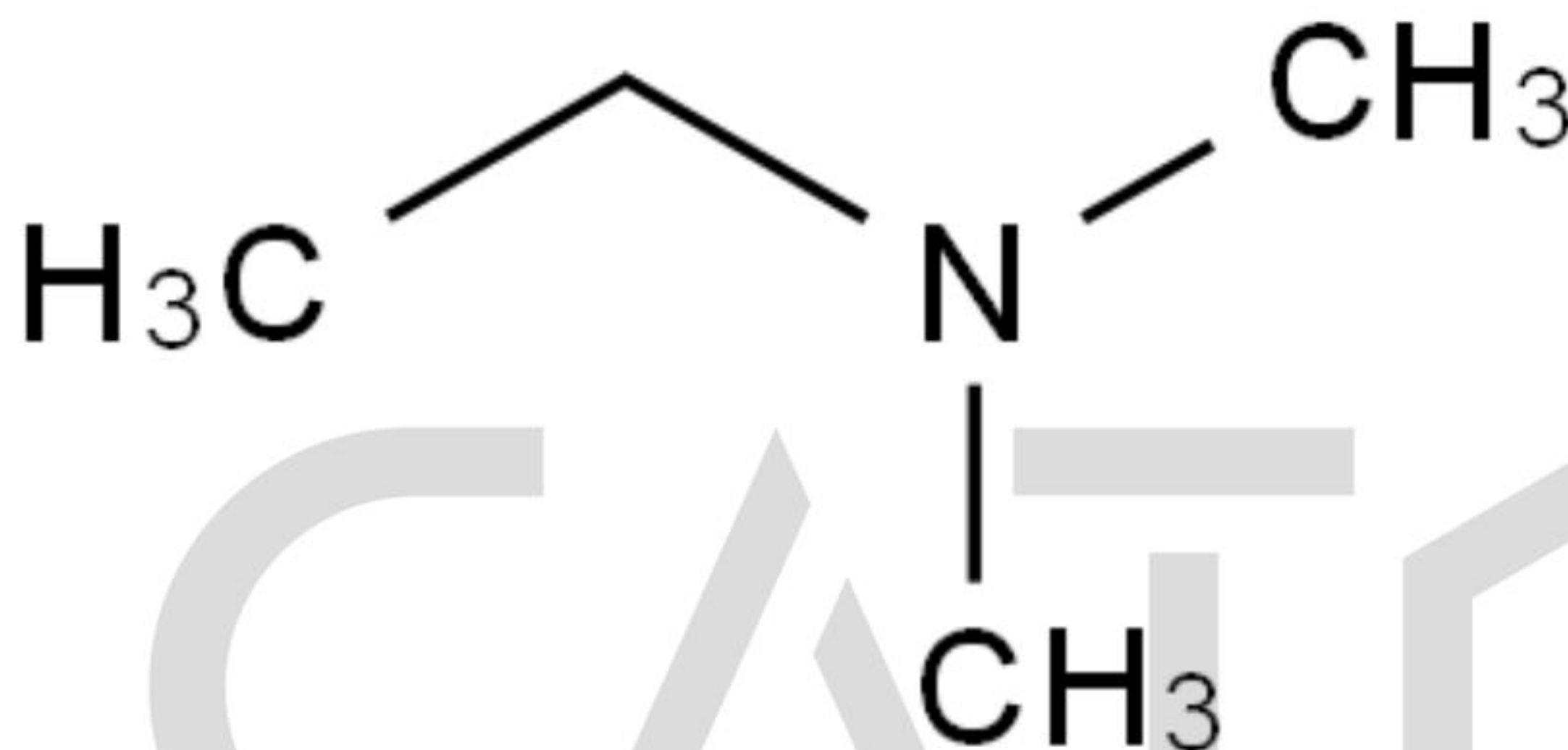


Certificate of Analysis

Reference Material & Standard

Product Name:	Clavulanic acid Impurity 18	Catalogue Number:	C4X-150118
Synonyms:	N,N-Dimethylethylamine	Lot Number:	0224-RG-0054
CAS Number:	598-56-1	Expiry Date:	Feb 25, 2028
Molecular Formula:	C ₄ H ₁₁ N	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	73.14	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	0.3193%
Assay		99.7%

Comment:

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

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Feb 26, 2025

Date: Feb 26, 2025

Date: Feb 26, 2025

