

Certificate of Analysis

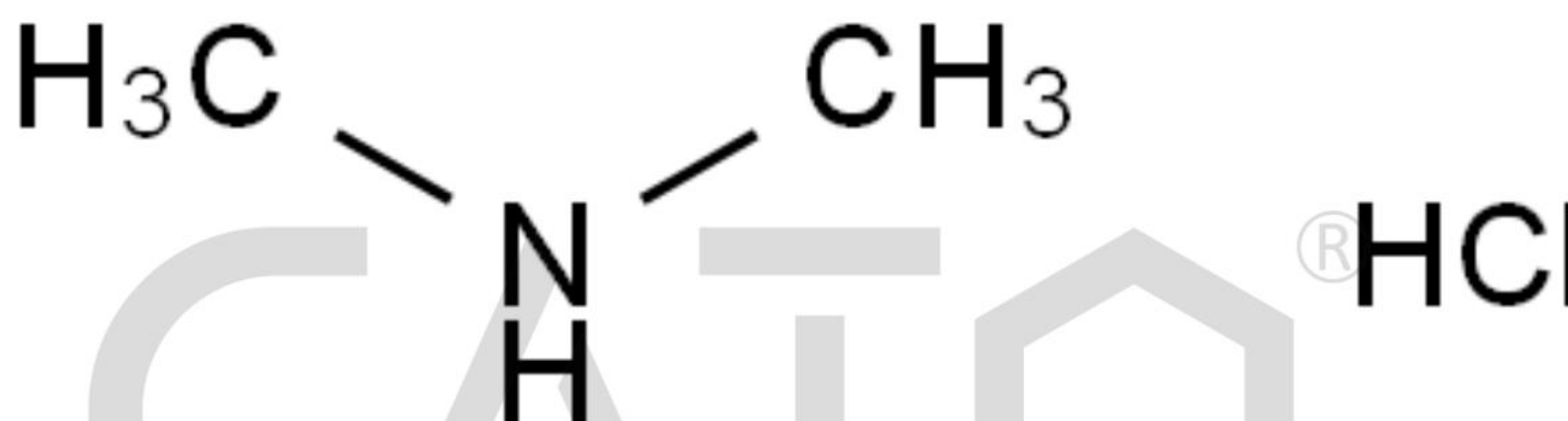
Reference Material & Standard

Product Name:	Dacarbazine Impurity 3	Catalogue Number:	C4X-23053
Synonyms:	Dimethylamine hydrochloride	Lot Number:	0521-RH-0055
CAS Number:	506-59-2	Expiry Date:	May 25, 2030
Molecular Formula:	C ₂ H ₇ N HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	45.08 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&CNMR&HNMR	Confirmed
Purity	ELSD	100.000%
Water Content	Karl Fischer	1.6350%
Assay		98.4%

Comment:

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

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

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 26, 2026

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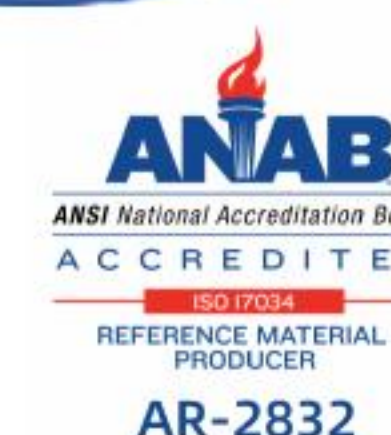
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