

Certificate of Analysis

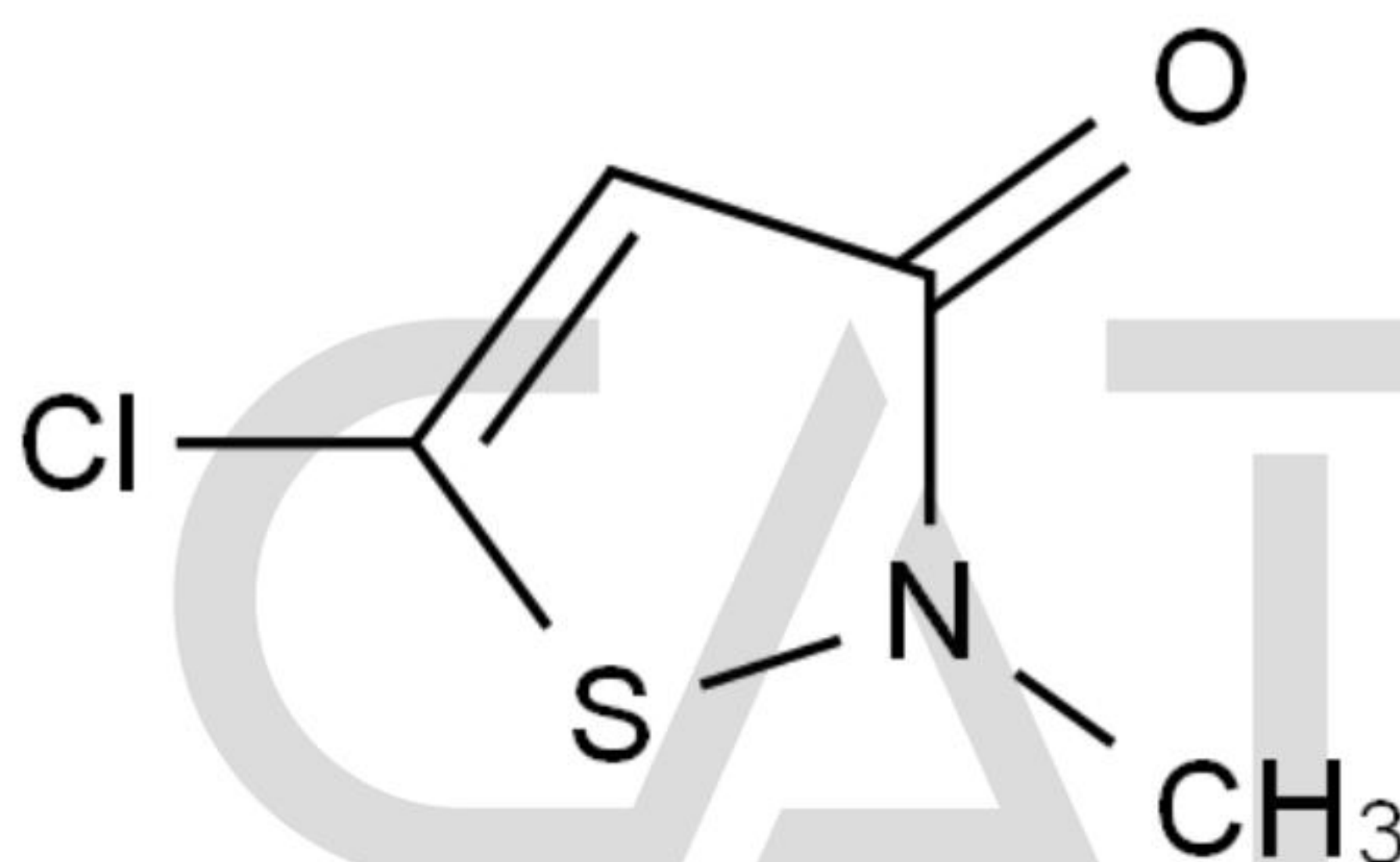
Reference Material & Standard

Product Name:	5-Chloro-2-Methyl-4-Isothiazolin-3-One	Catalogue Number:	CCPD102072
Synonyms:	N/A	Lot Number:	0428-RG-0096
CAS Number:	26172-55-4	Expiry Date:	Apr 27, 2028
Molecular Formula:	C ₄ H ₄ ClNOS	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	149.60	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.7%
Assay	qNMR	93.1%
Uncertainty		±1.3%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
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:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Apr 29, 2025

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

