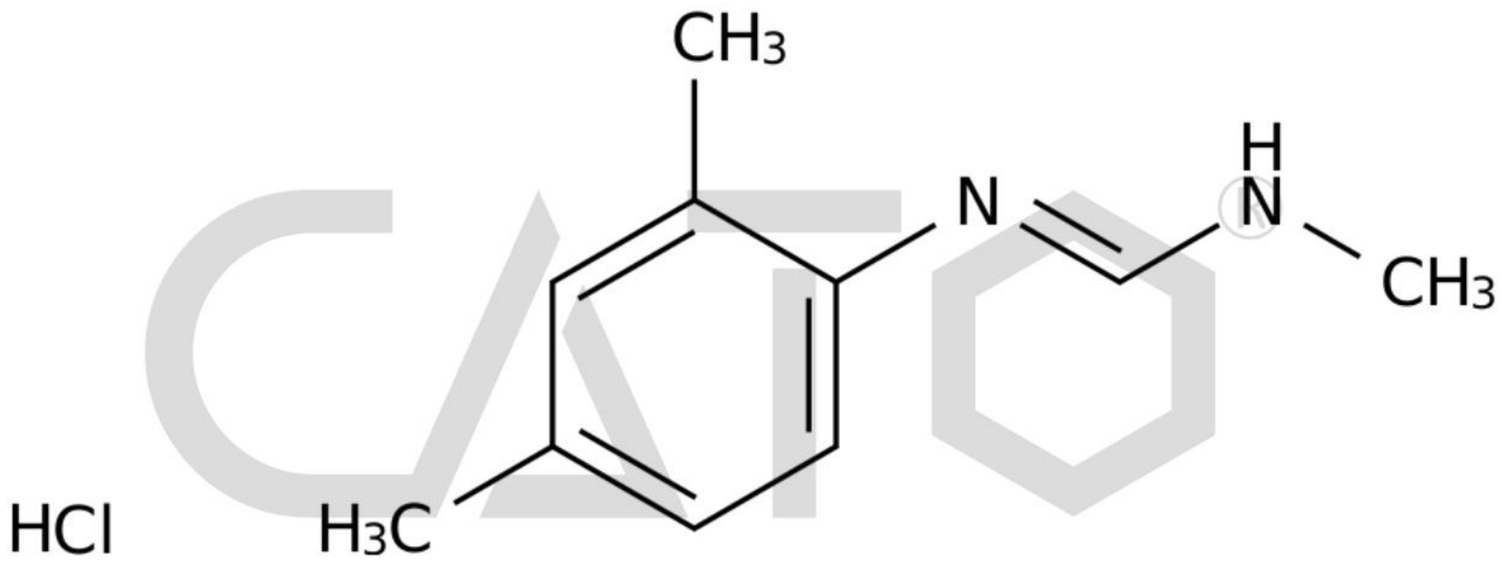
Certificate of Analysis

Reference Material & Standard

Product Name:	N'-(2,4-Dimethylphenyl)-N-methylformamide Hydrochloride	**Catalogue Number:**	CCAD301877
Synonyms:	N/A	**Lot Number:**	0303-RD-0083
CAS Number:	51550-40-4	**Expiry Date:**	Jan 19, 2029
Molecular Formula:	$C_{10}H_{14}N_2$ HCl	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	162.23 36.46	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



CATO Research Chemicals Inc.

Test Items	Method	Results
Appearance	Visual inspection	Pale Beige to Pale Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.5%
Uncertainty		±2.0%

Comment:

1. Chloride Content: 19.1%
No chromatogram available.
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: Xenia Date: Jan 20, 2022

Reviewed by: Cady Date: Mar 14, 2022

Approved by General Manager: David Date: Mar 14, 2022

CATO Research Chemicals Inc.