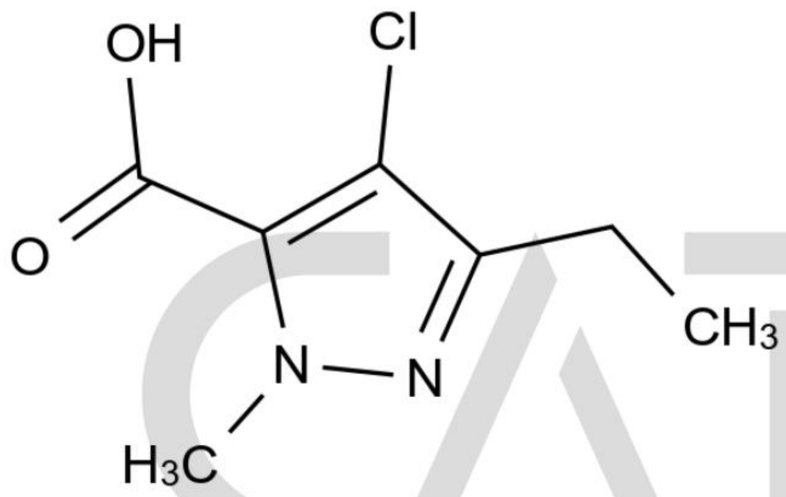
Certificate of Analysis

Reference Material & Standard

Product Name:	4-Chloro-3-ethyl-1-methyl-1H-pyrazole-5-carboxylic Acid	**Catalogue Number:**	C1195672
Synonyms:	N/A	**Lot Number:**	0916-RH-0006
CAS Number:	127892-62-0	**Expiry Date:**	Sep 20, 2030
Molecular Formula:	$C_7H_9ClN_2O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	188.61	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	99.3%
Uncertainty		±0.4%

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Comment:

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: Alice Date: Sep 21, 2026

Reviewed by: Lisa Date: Sep 21, 2026

Approved by General Manager: David Date: Sep 21, 2026

CATO Research Chemicals Inc.