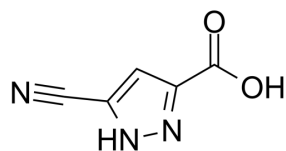


## Certificate of Analysis

**Product Name:** 3-Cyano-1H-pyrazole-5-carboxylic acid  
**Cat. No.:** CS-0040253  
**CAS No.:** 1187361-13-2  
**Batch No.:** 149615  
**Chemical Name:** 1H-Pyrazole-3-carboxylic acid, 5-cyano-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>5</sub>H<sub>3</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight:** 137.10  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to light yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (HPLC):** 97.20%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA