

**Product Name:** 1-Methylimidazole-5-carboxaldehyde, 97%  
**Catalog Number:** H27338.03

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**CAS Number:** 39021-62-0  
**IUPAC Name:** 1-methyl-1H-imidazole-5-carbaldehyde  
**Molecular Formula:** C<sub>5</sub>H<sub>6</sub>N<sub>2</sub>O  
**Molecular Weight:** 110.12  
**InChI Key:** BNYKZFOZWZMEJD-UHFFFAOYSA-N  
**SMILES:** CN1C=NC=C1C=O  
**Synonym:** 3-methylimidazole-4-carbaldehyde

### Product Specification

**Appearance (Color):** Pale yellow to yellow  
**Form:** Crystals or powder or crystalline powder  
**Free acid (titration):** ≤1.5%  
**Melting Point (clear melt):** 50.0-59.0°C  
**Assay (GC):** ≥96.0%

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**Date Of Print:** 06/25/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*