



# **Certificate of Analysis**

## **Compound Information**

| Product Name:       | 1H-Imidazole-5-carboxaldehyde |
|---------------------|-------------------------------|
| Cat. No.:           | 1028845                       |
| CAS No.:            | 3034-50-2                     |
| Molecular Formula:  | $C_4H_4N_2O$                  |
| Molecular Weight:   | 96.09                         |
| Chemical Structure: | Н                             |
|                     | $\sim N$                      |

# 

### **Batch Information**

| Batch No.:   | Lf1208188478                              |
|--------------|---|
| Storage:     | -20°C, sealed storage, away from moisture |
| Test Date:   | 2024-01-24                                |
| Retest Date: | 2027-01-23                                |
| Origin:      | Shanghai, China                           |
|              |   |

# **QC Summary**

| Appearance:                  | Off-white to yellow (Solid)   |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| Purity (HPLC):               | 99.97%  |
| Water(KF):                   | 0.48%   |
| Residue on Ignition:         | 0.13%   |
| Conclusion:                  | The product has been tested and complies with the given specifications. |

# Caution: Research use only and are not intended for human use.

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