

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-08-20 14:55:33  
Date of Next Testing: 2028-08-19 14:55:33  
Product Name: **Methyl 5-chloro-2-pyrazinecarboxylate**  
CAS Number: 33332-25-1  
Specifications & Purity: 98%  
Lot #: J2019261  
SKU #: **M115555**  
Version: **1**  
Analysis #: **401595**

| Parameter           | Limit Values                       | Result                             |
|---------------------|------------------------------------|------------------------------------|
| Purity(HPLC)        | 98-100 (%)                         | 99.81200 %                         |
| Proton NMR spectrum | Conforms to Structure              | Conforms to Structure              |
| Appearance(M115555) | White to off-white to yellow solid | White to off-white to yellow solid |



John Su  
QA & QC Manager