

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

## Certificate of Analysis

Date of Testing: 2022-03-01 10:51:20  
Date of Next Testing: 2026-02-28 10:51:20  
Product Name: **Methyl 5-chloro-2-pyrazinecarboxylate**  
CAS Number: 33332-25-1  
Specifications & Purity: 98%  
Lot #: B2226209  
SKU #: **M115555**  
Analysis: **061469**

| Parameter           | Limit Values                       | Result                             |
|---------------------|------------------------------------|------------------------------------|
| Purity(HPLC)        | 98-100 (%)                         | 99.91600 %                         |
| 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