

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-15 08:19:18  
Date of Next Testing: 2027-04-14 08:19:18  
Product Name: **2,3,5-Trimethylpyrazine**  
CAS Number: 14667-55-1  
Specifications & Purity: 99%  
Lot #: D2312281  
SKU #: **T106601**  
**Analysis:** **038155**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.75 %
Refractive index n <sub>20</sub> /D	1.503-1.506	1.50
Density (20°C)	0.978-0.98	0.98
Appearance (T106601)	Colorless to yellow brown liquid	Colorless to yellow brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager