

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-08 21:29:45

Date of Next Testing: 2026-08-07 21:29:45

Product Name: **2,3,5-Trimethylpyrazine**

CAS Number: 14667-55-1

Specifications & Purity: $\geq 99\%$

Lot #: H2203694

SKU #: **T106601**

Version: **0**

Analysis #: **099884**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.27100 %
Refractive index n ₂₀ /D	1.503-1.506	1.50460
Density (20°C)	0.978-0.98	0.97900
Appearance (T106601)	Colorless to yellow brown liquid	Colorless to yellow brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager