

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-13 15:21:19  
Date of Next Testing: 2025-12-12 15:21:19  
Product Name: **2-Isobutyl-3-methoxypyrazine**  
CAS Number: 24683-00-9  
Specifications & Purity:  $\geq 99\%$   
Lot #: L2307129  
SKU #: **I137130**  
Version: **0**  
Analysis #: **099643**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Density (20°C)	0.996-1	0.99800
Purity(GC)	99-100 (%)	99.73300 %
Refractive index n <sub>20</sub> /D	1.49-1.494	1.49160
Appearance (I137130)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager