

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-29 10:23:37
 Date of Next Testing: 2026-09-28 10:23:37
 Product Name: **2-Acetyl-3-methylpyrazine**
 CAS Number: 23787-80-6
 Specifications & Purity: $\geq 98\%$
 Lot #: I2222522
 SKU #: **A113965**
 Version: **0**
 Analysis #: **140993**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (25°C)	1.114-1.118	1.11600
Cadmium(Cd)	0-1 (ppm)	0.48000 ppm
Lead(Pb)	0-1 (ppm)	0.45000 ppm
Refractive index n ₂₀ /D	1.52-1.524	1.52160
(As)Arsenic	0-3 (ppm)	1.30000 ppm
Purity(GC)	98-100 (%)	99.68520 %
Mercury(Hg)	0-1 (ppm)	0.31000 ppm
Appearance (A113965)	colorless to dark yellow liquid	colorless to dark yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager