

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-26 13:46:40
 Date of Next Testing: 2028-12-25 13:46:40
 Product Name: **4,5-Dimethyl-2-isobutyl-3-thiazoline**
 CAS Number: 65894-83-9
 Specifications & Purity: ≥97%, mixture of isomers
 Lot #: D1724037
 SKU #: **D102931**
 Version: **0**
 Analysis #: **447108**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Density (20°C)	0.946-0.95	0.94700
(As)Arsenic	0-3 (ppm)	0.20000 ppm
Lead(Pb)	0-1 (ppm)	0.30000 ppm
Cadmium(Cd)	0-1 (ppm)	0.21000 ppm
Refractive index n ₂₀ /D	1.485-1.489	1.48720
Mercury(Hg)	0-1 (ppm)	0.21000 ppm
Purity((sum of isomers)(GC)	97-100 (%)	97.49000 %
Appearance (D102931)	Colorless to tan liquid	Colorless to tan liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager