

Certificate of Analysis

Date of Testing: 2023-06-21 13:56:51
Date of Next Testing: 2027-06-20 13:56:51
Product Name: **4,5-Dimethyl-2-isobutyl-3-thiazoline**
CAS Number: 65894-83-9
Specifications & Purity: 97%,mixture of isomers
Lot #: F2316057
SKU #: **D102931**
Analysis: **245663**

Parameter	Limit Values	Result
Purity((sum of isomers)(GC)	97-100 (%)	98.00%
Density (20°C)	0.946-0.95	0.95
(As)Arsenic	0-3 (ppm)	1.30 ppm
Lead(Pb)	0-1 (ppm)	0.50 ppm
Cadmium(Cd)	0-1 (ppm)	0.70 ppm
Refractive index n ₂₀ /D	1.485-1.489	1.49
Mercury(Hg)	0-1 (ppm)	0.80 ppm
Appearance (D102931)	Colorless to tan liquid	Colorless to tan liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager