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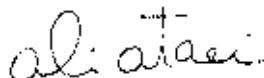
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
Juniper berry oil

Product Number: W260401
Batch Number: MKBV6836V
Brand: ALDRICH
CAS Number: 8002-68-4
MDL Number: MFCD00147305
Quality Release Date: 08 JUN 2015

Test	Specification	Result
Appearance (Color)	Colorless to Faint Yellow or Faint Green	Colorless
Appearance (Form)	Liquid	Liquid
Refractive index at 20 °C	1.474 - 1.484	1.476
Infrared Spectrum	Conforms to Structure	Conforms
Specific Rotation	-15.0 - 0.0 °	-11.3 °
Specific Gravity	0.854 - 0.881	0.880
At 25 Degrees Celsius		
Arsenic (As)	≤ 3.0 ppm	< 1.0 ppm
Cadmium (Cd)	≤ 1.0 ppm	< 1.0 ppm
Mercury (Hg)	≤ 1.0 ppm	< 1.0 ppm
Lead (Pb)	≤ 10.0 ppm	< 1.0 ppm



Ali Ataei, Manager
Quality Control
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.