

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-04-27 10:42:26

Date of Next Testing: 2025-04-26 10:42:26

Product Name: **n-Octanol**

CAS Number: 111-87-5

Specifications & Purity: AR, ≥99%

Lot #: D2122284

SKU #: **O103325**Version **1**Analysis #: **004711**

Parameter	Limit Values	Result
Hydroxy Value	418-431 (mg/g)	422.00 mg/g
Density (20°C)	0.824-0.826 (g/ml)	0.83 g/ml
Purity(GC)	99-100 (%)	99.57 %
Refractive index n ₂₀ /D	1.428-1.43	1.43
Acid Value	0-0.1 (mg/g)	0.05 mg/g
Water by Karl Fischer	0-0.1 (%)	0.05 %
Boiling range, 194.0~197.0°C	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager