

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-11 08:50:57

Date of Next Testing: 2027-10-11 08:50:57

Product Name: **D.E.N.™ 438 Epoxy Novolac Resin**

CAS Number: 28064-14-4

Specifications & Purity: Epoxy equivalent: 176-181g/eq, viscosity (51.7 °C): 31000-40000 cps

Lot #: I2424042

SKU # **P477976**

Version **4**

Analysis #: **312242**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Viscosity(51.7°C)	31000-40000 (cps)	38402.00000 cP
Epoxide Equivalent Weight	176-181 (g/Eq)	180.30000 g/eq
Hydrolysable Chlorine	0-1200 (ppm)	395.00000 ppm
epichlorohydrin	0-5 (ppm)	1.25000 ppm
Volatiles	0-0.3 (%)	0.03000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(P477976)	Colorless Solid or Liquid	colorless solid or liquid



John Su
QA & QC Manager