

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-18 13:38:02

Date of Next Testing: 2026-07-18 13:38:02

Product Name: **4-Nonyl phenol**

CAS Number: 104-40-5

Specifications & Purity: $\geq 85\%$, mixture of ring and chain isomers

Lot #: J2409897

SKU #: **N113249**

Version: **0**

Analysis #: **542950**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.41 %
Purity(GC)(mixture of ring and chain isomers)	85-100 (%)	90.40 %
Appearance (N113249)	Colorless to Pale Yellow Viscous Liquid	Colorless to Pale Yellow Viscous Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager