

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-20 16:58:06

Date of Next Testing: 2028-05-19 16:58:06

Product Name: **Motol**

CAS Number: 55-55-0

Specifications & Purity: AR, ≥99%

Lot #: E2409077

SKU #: **M110716**

Version: **3**

Analysis #: **200361**

Storage Temperature: Protected from light, Room temperature, Argon charged, Cool

Parameter	Limit Values	Result
Purity(redox titration)	99-100 (%)	99.62000 %
Impurities(aminophenol)	0-1 (%)	0.34800 %
Ignition Residue	0-0.1 (%)	0.00000 %
Carbon by Elemental Analysis	47.7-49.2 (%)	48.47300 %
Purity(as N)	99-101%	100.38060 %
Appearance (M110716)	White to Light gray to gray to Light yellow powder or crystals	White to Light gray to gray to Light yellow powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless, Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager