

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-11 11:23:19

Date of Next Testing: 2026-09-11 11:23:19

Product Name: **4-(Phenylazo)phenol**

CAS Number: 1689-82-3

Specifications & Purity: $\geq 97\%$

Lot #: I2403544

SKU # **P132170**

Version **2**

Analysis #: **404607**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.21000 %
Nitrogen by Elemental Analysis	13.7-14.5 (%)	14.00000 %
Carbon by Elemental Analysis	70.9-74.5 (%)	73.00000 %
E(346+/- 3 NM)	≥ 22000	25799.27000
E(236+/- 3 NM)	≥ 10000	14797.50000
Melting point	150-157 (°C)	150.04000 °C
Appearance (p132170)	Yellow to Gold to Dark Yellow-Red Powder	Yellow to Gold to Dark Yellow-Red Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Clear,Dark yellow to orange-brown solution,0.1%	pass	Pass
UV-Vis spectrometry(C=0.005 g/L in MeOH, λ_{max} 345-346nm)	Pass	Pass



John Su
QA & QC Manager