

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-20 14:41:43

Date of Next Testing: 2028-08-19 14:41:43

Product Name: **Benzyl Orange**

CAS Number: 36402-77-4

Specifications & Purity:

Lot #: K2208202

SKU #: **B355112**

Version: **1**

Analysis #: **556705**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Lambda max(H ₂ O)	432-438 (nm)	433.00000 nm
Absorbance(E1%1cm)(H ₂ O, 432.0 to 438.0 nm)	≥550	573.00000
pH Transition interval (red)1.9 to 3.3(redish yellow)	Conforms	Conforms
Appearance(B355112)	Orange to Brown powder to crystal	Orange to Brown powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager