

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-19 17:12:30

Date of Next Testing: 2027-10-19 17:12:30

Product Name: **UV Absorber 312**

CAS Number: 23949-66-8

Specifications & Purity: $\geq 95\%$ (mixture of isomers)

Lot #: J2418754

SKU #: **U695044**

Version: **3**

Analysis #: **402810**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	124-129 (°C)	126.92000 °C
Transmittance(460 nm, 2.5% in Toluene)	95-100 (%)	98.40000 %
Transmittance(500 nm, 2.5% in Toluene)	97-100 (%)	99.00000 %
Purity(HPLC)(mixture of isomers)	95-100 (%)	95.53500 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(U695044)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager