

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-17 19:33:01

Date of Next Testing: 2024-12-16 19:33:01

Product Name: **2-(2H-benzotriazol-2-yl)-4-(1, 1, 3, 3-tetramethylbutyl)phenol**

CAS Number: 3147-75-9

Specifications & Purity: $\geq 98.0\%$ (HPLC)

Lot #: L2213459

SKU #: **H135447**

Analysis: 158926

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	12.7-13.3 (%)	12.93%
Purity(HPLC)	98-100 (%)	98.93100%
Purity(Neutralization titration)	97.5-102.5 (%)	99.99%
Carbon by Elemental Analysis	72.4-76.1 (%)	74.85%
Melting point	103-106 (°C)	106.00000 °C
Appearance (H135447)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager