

Certificate of Analysis

Date of Testing: 2023-08-04 09:28:28
Date of Next Testing: 2025-08-03 09:28:28
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 #: K2102250
SKU #: **H135447**
Analysis: **259448**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	12.7-13.3 (%)	13.10%
Melting point	103-106 (°C)	105.88000 °C
Purity(HPLC)	98-100 (%)	98.15220%
Purity(Neutralization titration)	97.5-102.5 (%)	99.10%
Carbon by Elemental Analysis	72.4-76.1 (%)	73.68%
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