

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-09 21:16:31

Date of Next Testing: 2027-02-08 21:16:31

Product Name: **2,2'-Methylenebis[6-(benzotriazol-2-yl)-4-tert-octylphenol]**

CAS Number: 103597-45-1

Specifications & Purity:  $\geq 98\%$

Lot #: B2307266

SKU #: **M158087**

Version: **2**

Analysis #: **186081**

Storage Temperature: Room temperature, Argon charged

| Parameter                      | Limit Values                       | Result                             |
|--------------------------------|------------------------------------|------------------------------------|
| Carbon by Elemental Analysis   | 73.6-75.9 (%)                      | 75.15000 %                         |
| Nitrogen by Elemental Analysis | 12.5-13 (%)                        | 12.82000 %                         |
| Purity( total nitrogen )       | 98-102.5 (%)                       | 98.02000 %                         |
| Appearance (M158087)           | White to yellow powder or crystals | White to yellow powder or crystals |
| Proton NMR spectrum            | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager