

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-16 13:29:34

Date of Next Testing: 2027-05-16 13:29:34

Product Name: **P,P'-(9,9-Dimethyl-9H-xanthene-4,5-diyl)bis[N,N,N',N'-tetraethyl-phosphonous diamide]**

CAS Number: 349100-75-0

Specifications & Purity:  $\geq 97\%$

Lot #: K2113531

SKU #: **P138706**

Version: **0**

**Analysis #:** **509714**

Storage Temperature: Room temperature, Argon charged

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                   | 97-100 (%)            | 97.00000 %            |
| Carbon by Elemental Analysis   | 64.3-69 (%)           | 66.50000 %            |
| Nitrogen by Elemental Analysis | 9.7-10.4 (%)          | 10.10000 %            |
| Appearance (P138706)           | white to beige powder | white to beige powder |
| Proton NMR spectrum            | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager