

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-10 15:43:58

Date of Next Testing: 2027-01-31 15:43:58

Product Name: **Xantphos**

CAS Number: 161265-03-8

Specifications & Purity:  $\geq 98\%$ 

Lot #: E2306240

SKU #: **X111327**Version: **1**Analysis #: **468406**

Storage Temperature: Room temperature

| Parameter            | Limit Values                                                   | Result                                                         |
|----------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| Melting point        | 227-231 (°C)                                                   | 228.00000 °C                                                   |
| Purity(HPLC)         | 98-100 (%)                                                     | 99.45000 %                                                     |
| Appearance (X111327) | white to off-white to Light yellow powder or crystals or solid | white to off-white to Light yellow powder or crystals or solid |
| Proton NMR spectrum  | Conforms to Structure                                          | Conforms to Structure                                          |

A handwritten signature in black ink that reads "John Su".John Su  
QA & QC Manager