

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-19 15:28:30  
 Date of Next Testing: 2028-07-18 15:28:30  
 Product Name: **Tris[2-(diphenylphosphino)ethyl]phosphine**  
 CAS Number: 23582-03-8  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: G2507671  
 SKU #: **T168876**  
 Version: **1**  
 Analysis #: **460767**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                    | Limit Values          | Result                |
|------------------------------|-----------------------|-----------------------|
| Carbon by Elemental Analysis | 72.6-77.9 (%)         | 75.20000 %            |
| Appearance(T168876)          | white solid           | White Solid           |
| NMR Spectrum 1H              | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager