

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-05 14:21:42  
Date of Next Testing: 2027-08-04 14:21:42  
Product Name: **Diphenyl 4-Bromo- $\alpha$ -chlorobenzylphosphonate**  
CAS Number: 189099-56-7  
Specifications & Purity: 95%  
Lot #: G2329373  
SKU #: **D155193**  
**Analysis:** **245502**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	96.83%
Carbon by Elemental Analysis	49.53-54.75 (%)	51.91%
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(D155193)	White to Almost white powder to crystal	White to Almost white powder to crystal



John Su  
QA & QC Manager