

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-20 11:00:08  
Date of Next Testing: 2026-06-19 11:00:08  
Product Name: **2-BUTENYLTRIPHENYLPHOSPHONIUM CHLORIDE**  
CAS Number: 13138-25-5  
Specifications & Purity: 96%  
Lot #: F2313799  
SKU #: **B166927**  
**Analysis:** **236293**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Assay(Titration ex Chloride)	96-104 (%)	98.40000 %
Water by Karl Fischer	0-1 (%)	1.00 %
Appearance(B166927)	White Powder or granular solid	white powder or granular solids
Infrared spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager