

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-22 23:15:34

Date of Next Testing: 2027-03-21 23:15:34

Product Name: **2-Butenyl(di-tert-butyl)phosphine (cis- and trans- mixture)**

CAS Number: 1620882-90-7

Specifications & Purity: $\geq 98\%$, 40% in xylene

Lot #: C2318181

SKU #: **B152074**

Version: **1**

Analysis #: **178059**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.50000 %
Concentration	38-42 (%)	41.00000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager