

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-10 15:19:13  
Date of Next Testing: 2025-02-27 15:19:13  
Product Name: **Crotyl alcohol, mixture of cis and trans**  
CAS Number: 6117-91-5  
Specifications & Purity: 95%  
Lot #: C2301683  
SKU #: **C106252**  
**Analysis: 176841**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity( (sum of isomers)(GC)	95-100 (%)	98.75 %
Density (20°C)	0.849-0.859	0.85
Refractive index n <sub>20</sub> /D	1.427-1.431	1.43
Appearance (C106252)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure

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

John Su  
QA & QC Manager