

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-12 10:19:13
 Date of Next Testing: 2026-09-11 10:19:13
 Product Name: **3-(Perfluorobutyryl)-(+)-camphor**
 CAS Number: 51800-99-8
 Specifications & Purity: $\geq 96\%$
 Lot #: I2301701
 SKU # **P343952**
 Version **1**
 Analysis #: **267534**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	96-100 (%)	97.20000 %
Specific rotation $[\alpha]_{20/D}(c=2.6 \text{ in chloroform})$	120-130 (°)	125.70000 °
Appearance(P343952)	Yellow liquid	yellow liquid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
FNMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager