

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-31 17:21:33
 Date of Next Testing: 2025-08-30 17:21:33
 Product Name: **3-(Perfluorobutyryl)-(+)-camphor**
 CAS Number: 51800-99-8
 Specifications & Purity: $\geq 96\%$
 Lot #: H2229585
 SKU #: **P343952**
 Version: **1**
 Analysis #: **119241**
 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