

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-26 13:58:00
 Date of Next Testing: 2026-12-25 13:58:00
 Product Name: **4,4-Difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-propionic Acid**
 CAS Number: 165599-63-3
 Specifications & Purity: $\geq 97\%$
 Lot #: L2214862
 SKU #: **B171436**
 Version: **0**
 Analysis #: **135747**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	9.1-10.1 (%)	9.34000 %
Purity(HPLC)	97-100 (%)	99.58600 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (B171436)	Light yellow to Amber to Dark green to Red to Orange solid to powder to crystals	Light yellow to Amber to Dark green to Red to Orange solid to powder to crystals
Maximum excitation wavelength,503nm	Conforms	Conforms



John Su
QA & QC Manager