

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-20 15:30:23

Date of Next Testing: 2026-07-19 15:30:23

Product Name: (S)-(-)-DBD-Pro-COCl [= (S)-(-)-4-(N,N-Dimethylaminosulfonyl)-7-(2-chloroformylpyrrolidin-1-yl)-2,1,3-benzoxadiazole] [HPLC Labeling Reagent for e.e. Determination]

CAS Number: 150993-63-8

Specifications & Purity: ≥90%(HPLC)

Lot #: G2215643

SKU #: S161317

Version: 1

Analysis #: 106801

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Optical purity(LC)	99-100 (%)	99.90000 %
Nitrogen by Elemental Analysis	15-16 (%)	15.37000 %
Purity(HPLC)	90-100 (%)	97.20000 %
Appearance(S161317)	Light yellow to Yellow to Orange powder to crystal	Light Yellow to Yellow to Orange powder to crystal
Effect test of HPLC derivatization	Effective as labeling agent fo 2-Hexanol	Effective as labeling agent fo 2-Hexanol
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager