

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-08 11:40:53  
Date of Next Testing: 2026-07-07 11:40:53  
Product Name: **DBD-COCl [=4-(N,N-Dimethylaminosulfonyl)-7-(N-chloroformylmethyl-N-methylamino)-2,1,3-benzoxadiazole] [for HPLC Labeling]**  
CAS Number: 156153-43-4  
Specifications & Purity: >93.0%(T)  
Lot #: G2205188  
SKU #: **D155215**  
Analysis: **103279**  
Storage Temperature: Store at -20°C, Argon charged

| Parameter                       | Limit Values                                       | Result                                             |
|---------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(Argentometric Titration) | 93-100 (%)                                         | 99.80000 %                                         |
| Appearance(D155215)             | Light yellow to Yellow to Orange powder to crystal | Light Yellow to Yellow to Orange powder to crystal |
| NMR Spectrum 1H                 | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager