

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-23 11:43:40  
Date of Next Testing: 2026-07-22 11:43:40  
Product Name: **NBD-CO-Hz [=4-(N-Hydrazinocarbonylmethyl-N-methylamino)-7-nitro-2,1,3-benzoxadiazole] [for HPLC Labeling]**  
CAS Number: 221263-97-4  
Specifications & Purity: >95.0%(HPLC)  
Lot #: G2221217  
SKU #: **N159214**  
Analysis: **103994**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	96.20000 %
Nitrogen by Elemental Analysis	30-33.15 (%)	31.30 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Effect test of HPLC derivatization	Effective as labeling agent fo Ibuprofen	Effective as labeling agent fo Ibuprofen
Appearance(N159214)	Light yellow to Amber to Dark green to Deep yellow red powder to crystal	Light yellow to Amber to Dark green to Deep yellow red powder to crystal



John Su  
QA & QC Manager