

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-25 14:28:41

Date of Next Testing: 2026-11-24 14:28:41

Product Name: **DBD-PZ [=4-(N,N-Dimethylaminosulfonyl)-7-piperazino-2,1,3-benzoxadiazole] [for HPLC Labeling]**

CAS Number: 139332-64-2

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: K2218228

SKU #: **D155229**

Version: **1**

Analysis #: **149157**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.90000 %
Melting point	121-125 (°C)	122.70000 °C
Effect test of HPLC derivatization(Effective as labeling agent for Linoleic Acid , Oleic Acid)	pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(D155229)	Light yellow to Yellow to Orange powder to crystal	Light Yellow to Yellow to Orange powder to crystal



John Su
QA & QC Manager