

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-27 19:12:23
 Date of Next Testing: 2028-11-26 19:12:23
 Product Name: **bisBenzimide H 33342 trihydrochloride**
 CAS Number: 23491-52-3
 Specifications & Purity: $\geq 98\%$
 Lot #: K2426221
 SKU #: **B113845**
 Version: **0**
 Analysis #: **047779**
 Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-16 (%)	3.65200 %
Carbon by Elemental Analysis(anhydrous)	56.71-58.71 (%)	57.45000 %
Purity(HPLC)	98-100 (%)	99.48000 %
Nitrogen by Elemental Analysis (anhydrous)	14.2-15.7 (%)	14.98000 %
Appearance (B113845)	yellow powder	yellow powder
NMR (Solvent) D2O	Identity by NMR	Identity by NMR
	Consistent	Consistent
Solubility in H2O , Yellow to Brown ,Slightly Hazy to Hazy ,50 mg/mL	pass	Pass



John Su
QA & QC Manager