

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-08 09:49:43

Date of Next Testing: 2026-07-07 09:49:43

Product Name: **Bilirubin**

CAS Number: 635-65-4

Specifications & Purity: Moligand™, ≥98%

Lot #: G2205154

SKU #: **B104211**

Version: **1**

Analysis #: **012196**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Lambda max.(CHCl ₃)	450-454 (nm)	453.00 nm
Purity by UV(EmM = 60 at 453nm, CHCl ₃)	98-100 (%)	98.01 %
Purity(HPLC)	98-100 (%)	98.05650 %
Molar extinction coefficient(CHCl ₃ , 450.0-454.0 nm)	59900-61500	59901.00
Appearance (B104211)	Orange to Brown Powder	Orange to Brown Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCl ₃ , Yellow to Orange,Clear to Hazy(0.1 mg/ml)	pass	Pass



John Su
QA & QC Manager