

Certificate of Analysis

Date of Testing: 2022-08-26 10:41:01

Date of Next Testing: 2026-08-25 10:41:01

Product Name: **Bilirubin**

CAS Number: 635-65-4

Specifications & Purity: 98%

Lot #: H2223045

SKU #: **B104211**

Analysis: **111626**

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

Parameter	Limit Values	Result
Lambda max.(CHCl ₃)	450-454 (nm)	453.00 nm
Molar extinction coefficient(CHCl ₃ , 450.0-454.0 nm)	59900-61500	60775.16
Purity by UV(EmM = 60 at 453nm, CHCl ₃)	98-100 (%)	98.12 %
Purity(HPLC)	98-100 (%)	98.23900 %
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