

Certificate of Analysis

Date of Testing: 2023-03-06 14:14:00

Date of Next Testing: 2027-03-05 14:14:00

Product Name: **Bilirubin**

CAS Number: 635-65-4

Specifications & Purity: 98%

Lot #: B2327120

SKU #: **B104211**

Version: **1**

Analysis #: **154780**

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

Parameter	Limit Values	Result
Lambda max.(CHCl ₃)	450-454 (nm)	452.00 nm
Purity(HPLC)	98-100 (%)	98.65700 %
Purity by UV(EmM = 60 at 453nm, CHCl ₃)	98-100 (%)	98.17 %
Appearance (B104211)	Orange to Brown Powder	Orange to Brown Powder
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
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager