

## Certificate of Analysis

Date of Testing: 2025-07-03 11:26:47

Date of Next Testing: 2029-07-02 11:26:47

Product Name: **Bilirubin**

CAS Number: 635-65-4

Specifications & Purity: Moligand™, ≥98%

Lot #: F2516043

SKU #: **B104211**

Version: **1**

Analysis #: **445189**

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

| Parameter                                                                   | Limit Values           | Result                 |
|-----------------------------------------------------------------------------|------------------------|------------------------|
| Lambda max.(CHCl <sub>3</sub> )                                             | 450-454 (nm)           | 453.00 nm              |
| Purity by UV(EmM = 60 at 453nm, CHCl <sub>3</sub> )                         | 98-100 (%)             | 98.00 %                |
| Purity(HPLC)                                                                | 98-100 (%)             | 98.56300 %             |
| Appearance (B104211)                                                        | Orange to Brown Powder | Orange to Brown Powder |
| Proton NMR spectrum                                                         | Conforms to Structure  | Conforms to Structure  |
| Solubility in CHCl <sub>3</sub> , Yellow to Orange,Clear to Hazy(0.1 mg/ml) | pass                   | Pass                   |
| Infrared spectrum                                                           | Conforms to Structure  | Conforms to Structure  |



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