

# Certificate of Analysis

**Product Name :** Bilirubin  $\geq 98\%$  (EmM/453 = 60), powder  
**Product Number :** B4126-1G  
**Batch Number :** 0000452434  
**Source Batch :** SLCN6900  
**CAS Number :** 635-65-4  
**MDL Number :** MFCD00005499  
**Storage Temperature :** Freezer -20°C  
**Molecular Formula :** C<sub>33</sub>H<sub>36</sub>N<sub>4</sub>O<sub>6</sub>  
**Formula Weight :** 584.66 g/mol  
**Quality Release Date :** 28 JUN 2022

Test	Specification	Result
Appearance (Color)	Faint Brown to Brown and Faint Orange to Dark Orange	Dark Orange
Appearance (Form)	Powder	Powder
Solubility (Color)	Faint Yellow to Dark Yellow and Faint Orange to Orange	Dark Yellow
Solubility (Turbidity) 0.1 mg/ml, CHCl <sub>3</sub>	Clear to Hazy	Slightly Hazy
Purity by UV based on EmM = 60 at 453 nm, CHCl <sub>3</sub>	$\geq 98\%$	99 %
HPLC Identity	Conforms	Conforms
<sup>1</sup> H NMR Spectrum	Conforms to Structure	Conforms



Brian Dulle, Supervisor

Quality Assurance

St. Louis, Missouri

US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale.

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