

## 121– BILIRUBIN, AR GRADE

REF NO: TBL/QA/SS/LC/121	<b>STANDARD SPECIFICATION FOR BILIRUBIN, AR GRADE</b>	Rev. No: 03
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Issue Date: 08/11/2021		Product code: 121

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	635-65-4
<b>Chemical Formula</b>	C <sub>33</sub> H <sub>36</sub> N <sub>4</sub> O <sub>6</sub>
<b>Formula weight</b>	584.68
<b>Functional Uses</b>	Bilirubin has been used in phantom preparation, in in vitro experiments and in the preparation of bilirubin solutions for infusion.
<b>Standard Packaging</b>	500 mg, 1 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Yellow to orange coloured crystalline powder

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying	NMT – 1.0%
Absorbance (1% in CHCl <sub>3</sub> , at 454nm)	~ 1030
Assay	NLT – 99.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

