

## Certificate of Analysis

### Trypan blue

<b>Product Number</b>	PSI451	<b>CAS No.</b>	72-57-1
<b>Brand</b>	PureSynth	<b>Lot No.</b>	VF08SR
<b>Molecular Formula</b>	C <sub>34</sub> H <sub>24</sub> N <sub>6</sub> Na <sub>4</sub> O <sub>14</sub> S <sub>4</sub>	<b>Date of Mfg.</b>	August.2022
<b>Molecular Weight</b>	960.81 g/mol	<b>Date of Exp.</b>	July.2024

<b>Test</b>	<b>Specification</b>	<b>Result</b>
Appearance (Colour)	Brown to black	Brown
Appearance (Form)	Crystalline powder	Crystalline powder
Loss on drying	NMT 10.0 %	4.0 %
Suitability as a stain for microscopy	Passes test	Passes test
Absorbance		
At 603 nm	NLT 625	771

**Condition:** Store at room temperature and keep the container tightly closed.

**Remark:** The batch complies with the prescribed quality of the above specification.

Approved By  
Head - Technical

*This is a computer-generated report -does not required sign*

**Worldwide Helpline No.** 1800-120-1234-34 , Email: [info@pure-synth.com](mailto:info@pure-synth.com) , Website: [www.pure-synth.com](http://www.pure-synth.com)