



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : NILE BLUE SULPHATE**

**CAS No : 3625- 57- 8**  
**Mol. Formula : C<sub>40</sub>H<sub>40</sub>N<sub>6</sub>O<sub>6</sub>S**  
**Mol. WT : 732.87**  
**Date of analysis : 22/01/22**

**Product code : 16550**  
**Batch No : MCR-8035-05**  
**Mfd. : Jan. 2022**  
**Exp. : Dec. 2026**

S. R	Test	Specification	Observation
1	<b>Description</b>	Dark bluish black coloured powder.	Dark bluish black coloured powder.
2	<b>Dye content (by spectrophotometry)</b>	90% min	90.41%
3	<b>Loss on drying (110°C)</b>	8 % max	4.53%
4	<b>Suitability for microscopy</b>	passes test	passes test
5	<b>Absorption (50% ethanol)</b>	635-649 nm	638 nm

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE**  
**(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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