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## Certificate of Analysis

<b>Product</b>	<b>46822 - Alcian Blue for tissue culture - [33864-99-2]</b>
<b>Batch No</b>	<b>4435332</b>
<b>Analysis Date</b>	11-Nov-2023
<b>Date of Manufacture</b>	November 2023
<b>Expiry Date/Re-Test Date</b>	November 2028
<b>Molecular Formula</b>	C <sub>56</sub> H <sub>68</sub> Cl <sub>4</sub> CuN <sub>16</sub> S <sub>4</sub>
<b>Molecular Weight</b>	1298.86

Test Parameters	Standards	Actual Results
Appearance (Colour)	Purple to blue to dark blue	Dark blue
Appearance (Form)	Powder / crystals	Powder
Solubility (Colour) 0.1% aq. solution	Dark blue	Dark blue
Solubility (Turbidity) 0.1% aq. solution	Clear	Clear
Loss on drying	max.10%	7.7%
Absorbance (A) of 1% aq. solution in a 1cm cell v/s H <sub>2</sub> O		
@615-630nm	min. 200	347
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/46822 Rev No. 2 Date 02/02/2021

Prepared by **Mayur**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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