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Certificate of Analysis

Product	46822 - Alcian Blue for tissue culture - [33864-99-2]
Batch No	5322976
Analysis Date	13-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	C ₅₆ H ₆₈ Cl ₄ CuN ₁₆ S ₄
Molecular Weight	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%	6.2%
Absorbance (A) of 1% aq. solution in a 1cm cell v/s H ₂ O		
@615-630nm	min. 200	338.6
Suitability for Tissue Culture	Passes	Passes

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

Prepared by Komal

In compliance with the standard specifications of SRL

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

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