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Certificate of Analysis

Product	31539 - Alcian Blue for cell culture - [33864-99-2]
Batch No	4567551
Analysis Date	30-Sep-2021
Date of Manufacture	September 2021
Expiry Date/Re-Test Date	September 2026
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	Crystals
Solubility (Colour) 0.1% aq. solution	Dark blue	Dark blue
Solubility (Turbidity) 0.1% aq. solution	Clear	Clear
Loss on drying	max.10%	7.0%
Absorbance (A) of 1% aq. solution in a 1cm cell v/s H ₂ O		
@615-630nm	min. 200	318
Suitability for Cell Culture	Passes test	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes

FRM/82/11/4/31539 Rev No. 1 Date 10/10/2021

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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