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## Certificate of Analysis

**Product** **10423 - Agarose Medium EEO for molecular biology - [9012-36-6]**  
**Batch No** **3210729**  
**Analysis Date** 13-Nov-2022  
**Date of Manufacture** November 2022  
**Expiry Date/Re-Test Date** November 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	White
Appearance (Form)	Free flowing powder	Free flowing powder
Solubility (Turbidity) 1.5% aq. hot solution	Clear	Clear
Solubility (Colour) 1.5% aq. hot solution	Colourless	Colourless
Loss on drying	max . 10%	3.8%
Sulphated Ash	max . 1%	0.7%
Sulphate (SO <sub>4</sub> )	max . 0.2%	Passes
Electroendosmosis EEO (-Mr)	0.16 - 0.19	0.18
Gelling temperature	36 ±1.5°C	36°C
Gel strength (1.5% gel)	min. 1500g/cm <sup>2</sup>	1800g/cm <sup>2</sup>
Absorbance (A) of 1.5% aq. solution at ~ 50°C in a 1cm cell v/s H <sub>2</sub> O		
@430nm	max. 0.10	0.034
@525nm	max. 0.05	0.020
@655nm	max. 0.03	0.015
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/10423 Rev No. 1 Date 01/11/2015

Prepared by **Pranita**

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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