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# Certificate of Analysis

**Product** 23287 - Agarose Low EEO Superior Grade for molecular biology - [9012-36-6]  
**Batch No** 6373173  
**Analysis Date** 21-May-2024  
**Date of Manufacture** May 2024  
**Expiry Date/Re-Test Date** May 2029

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%	2.8%
Sulphated Ash	max. 0.5%	0.4%
Sulphate (SO <sub>4</sub> )	max. 0.15%	Passes
Electroendosmosis EEO (-Mr)	0.09 - 0.13	0.13
Gelling temperature (1.5 %aq sol.)	36±1.5°C	35°C
Gel strength (1.5% gel)	min. 1500 gm/cm <sup>2</sup>	1800 gm/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. 0.1	0.016
@525nm	max. 0.05	0.009
@655nm	max. 0.03	0.005
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/23287 Rev No. 1 Date 01/11/2015

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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1/1

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