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# Certificate of Analysis

**Product** 27813 - Agarose UltraPhor for molecular biology - [9012-36-6]  
**Batch No** 2481206  
**Analysis Date** 21-Jan-2024  
**Date of Manufacture** January 2024  
**Expiry Date/Re-Test Date** January 2029

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	White
Appearance (Form)	Free flowing powder	Free flowing powder
Solubility (Turbidity) 3% hot aq. solution	Clear	Clear
Solubility (Colour) 3% hot aq. solution	Colourless	Colourless
Loss on drying	max. 10%	5.4%
Gelling temperature (3.0%aq sol.)	~ 35°C	34°C
Melting temperature (3%gel)	< 75°C	72°C
Gel strength (3% gel)	min. 300 gm/cm2	700 gm/cm2
Absorbance (A) of 1.5% aq. solution at ~ 50°C in a 1cm cell v/s H2O		
@430nm	max. 0.1	0.023
@525nm	max. 0.05	0.016
@655nm	max. 0.03	0.011
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/27813 Rev No. 3 Date 07/12/2023

Prepared by Vivek

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 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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