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Certificate of Analysis

Product 85473 - Agar powder for tissue culture - [9002-18-0]
Batch No 6299262
Analysis Date 23-Nov-2023
Date of Manufacture November 2023
Expiry Date/Re-Test Date November 2028

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to pale yellow	Off-white
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 1.5% aq. hot solution	Almost clear	Almost clear
Solubility (Colour) 1.5% aq. hot solution	Pale yellow	Pale yellow
Loss on drying	max. 15%	9.9%
Sulphated Ash	max. 5%	3.2%
Gel strength (1.5% gel)	min. 800 gm/cm ²	1000 gm/cm ²
Acid insoluble ash	max. 1%	0.03%
Foreign organic matter	max. 1%	Passes
Foreign insoluble matter	max. 1%	Passes
Starch	Passes test	Passes
Gelatin	Passes test	Passes
Water absorption capacity	Passes test	Passes
Heavy Metals (Pb)	max. 0.005%	Passes
Absorbance (A) of 1.5% aq. solution at ~ 50°C in a 1cm cell v/s H ₂ O		
@430nm	max. 0.20	0.131
@530nm	max. 0.15	0.079
@655nm	max. 0.1	0.051
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/85473 Rev No. 4 Date 04/11/2023

Prepared by Dhanashree

In compliance with the standard specifications of SRL

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

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