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Certificate of Analysis

Product 85473 - Agar powder for tissue culture - [9002-18-0]
Batch No 2560668
Analysis Date 13-Apr-2024
Date of Manufacture April 2024
Expiry Date/Re-Test Date April 2029

| Test Parameters | Standards | Actual Results |
|--|-----------------------------|-------------------------|
| Appearance (Colour) | White to pale yellow | Pale yellow |
| 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% | 10.6% |
| Sulphated Ash | max. 5% | 1.3% |
| Gel strength (1.5% gel) | min. 800 gm/cm ² | 1046 gm/cm ² |
| Acid insoluble ash | max. 1% | 0.06% |
| 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 | 0.107 |
| @530nm | max. 0.15 | 0.057 |
| @655nm | max. 0.1 | 0.033 |
| 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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