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CERTIFICATE OF ANALYSIS

Agar, Micropropagation Type I

Agar Agar

Catalog Number: A038
Lot Number: 10202001
CAS Number: 9002-18-0
Source: China, Gracilaria

Molecular Formula: N/A
Formula Weight: N/A
Storage: 15° to 30°C
Retest Date: **31-Aug-2022**

Test	Specifications	Results
Appearance	Off-White to Tan Powder	Pass
Identification	Passes Test	Pass
Particle Size (80 mesh)	≥ 90 %	≥ 95 %
Moisture	≤ 22 %	9.7 %
Water Absorption	≤ 75 mL	≤ 75 mL
Ash	≤ 5 %	0.9 %
Insoluble Matter	≤ 1.0 %	≤ 1.0 %
Gel Strength (1.5%, 20°C)	≥ 900 g/cm ²	1293 g/cm ²
Starch	Passes Test	Pass
Arsenic (As)	≤ 1 ppm	≤ 1 ppm
Heavy Metals (Pb)	≤ 0.004 %	< 0.0003 %
Plant Cell Culture Tested	Passes Test	Pass

This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This product is intended for laboratory use only.

Prepared by:

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Reviewed by:

13-Oct-2020