

# Certificate of Analysis

Select Agar™, powder

Product No. NC2230521, 30391023, 11508926

Lot No. A02330

Date of Manufacture 30-Sep-2023

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## Appearance

Specification: Normal, free-flowing

Result: Meets specification.

## Color

Specification: Acceptable colors: Cream, White, light Cream, Light Beige, Beige, and Pale Brown

Result: Meets specification.

## As a 1.5% solution

Specification: pH @ 20°C (pre/post autoclaving)

Result: Specification: 6.0-7.5

Meets Specification

Characteristics:

Granulometry (ASTM)

Specification: >95%

Result: Meets specification

Chemical/Physical/Bioburden

Arsenic

Specification: < 3 ppm

Result: Meets specification.

Lead

Specification: < 5 ppm

Result: Meets specification.

Mercury

Specification: < 1 ppm

Result: Meets specification.

Cadmium

Specification: < 1 ppm

Result: Meets specification.

Moisture (loss on drying)

Specification:  $\leq 12\%$

Result: Meets specification.

Ash

Specification:  $\leq 6.5\%$

Result: Meets specification.

Gel Strength @ 20°C (pre/post autoclaving)

Specification: 600-850 g/cm<sup>2</sup>

Result: Meets specification.

Colorimetry (absorbance @ nm 450)

Specification:  $\leq 0.2$

Result: Meets specification.

Turbidity, NTU (pre/post autoclaving)

Specification:  $\leq 6$

Result: Meets specification.

Gel Point (post autoclaving)

Specification: 35  $\pm$  3°C

Result: Meets specification.

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