

## CERTIFICATE OF ANALYSIS

**Product Code:** 50152  
**Product:** SeaKem GOLD AGAROSE 25G

**Lot Number:** 0001083914  
**Manufacture Date:** 25-May-2021  
**Expiration Date:** 24-May-2026

### TEST (Method)

### SPECIFICATIONS

	Min.	Max.	Results
Moisture content, %	---	10	7.6
Sulfate content, %	---	0.10	0.04
Gel strength, g/cm <sup>2</sup>	1800	---	2107
EEO, -Mr	---	0.05	0.04
Gelling temp, degrees C	34.5	37.5	36.5
Functionality	PASS	---	Pass
Band Resolution	PASS	---	Pass
Appearance	PASS	---	Pass
DNA binding	PASS	---	Pass
RNase/DNase, not detected	PASS	---	Pass

Resolution: DNA fragments >1000 bp are finely resolved after electrophoresis, Gel Background: Gel exhibits low background fluorescence after staining with ethidium bromide.

This lot has been reviewed by Quality Assurance in compliance with requirements of Lonza's Quality System.

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