



Certificate of Analysis

Agarose Type I, Low EEO

Catalog Number: AG1011
Lot Number: 0807703
CAS Number: 9012-36-6
Storage: 15°C – 30°C
Date of Manufacture: June 7, 2017
Retest Date: June 6, 2019

Test	Specification	Result
Appearance	White to off-white powder	Conforms
Gel Strength (1% gel)	$\geq 1200\text{g/cm}^2$	1270g/cm ²
Melting Point (1.5% gel)	86.5°C – 89.5°C	88°C
Gelling Point (1.5% gel)	34.5°C – 37.5°C	37°C
EEO	≤ 0.13	0.09
Solubility (1%)	Clear & colorless	Conforms
Moisture	$\leq 10\%$	7.0%
Sulfate	$\leq 0.15\%$	0.12%
Ash	$\leq 0.5\%$	0.28%
DNase/RNase	Not detected	Conforms
Endonuclease	Not detected	Conforms
Protease	Not detected	Conforms

Approved by:

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Date: August 7, 2017