

Art no: 16-0027

CERTIFICATE OF ANALYSIS

Lot no: 234609



Product name:	Agarose
CAS:	9012-36-6
Production date:	2017-11
Date of release:	2017-12-08
Stability:	2022-09

Analysis	Specification	Result
Appearance	Fine, homogeneous powder	Pass
Ash	≤ 0.5 %	0.43 %
Clarity 1.5 % (NTU)	≤ 3.5 %	3.33 %
Colour	White	Pass
DNA resolution	Passes test	Pass
DNase/RNase activity	None detected	Pass
Gel background	Passes test	Pass
Gel Strength 1 % (g/cm ²)	≥1200	1200
Gel Strength 1.5 % (g/cm ²)	≥ 2500	2855
Gelling Temperature 1.5 % (°C)	36 ± 1.5	36.3
Melting Temperature 1.5 % (°C)	88 ± 1.5	89.1
Moisture	≤ 7 %	4.53 %
Sulfate	≤ 0.2 %	0.15 %

The above material has met all quality specifications and has been reviewed by a quality representative.

Quality Assurance, Azita Sohrabian

2017-12-08

Date