

Product profile

Agarose

Agarose is a key and frequently used bioreagent in your applications where a high performance product is a necessity. Avantor™ Performance Materials offers three types of J.T.Baker® brand agarose designed for various electrophoresis applications.

Key applications supported are:

- Nucleic Acid Electrophoresis
- Protein Electrophoresis
- Blotting
- DNA Recovery
- RNA Recovery
- Pulsed Field Electrophoresis

J.T.Baker® brand agarose products are extensively tested and characterized to ensure optimum performance during your workflow. Our agarose types have key properties such as low melting, pulsed field gel electrophoresis (PFGE) and low electroendosmosis (EEO).

Agarose Product Listing

Product	Product Number	Size
Agarose, Low Melting	4090-05	100 g
Agarose, PFGE	4063-03	25 g
Agarose, PFGE	4063-05	100 g
Agarose, Standard, Low Electroendosmosis (EEO)	A426-05	100 g
Agarose, Standard, Low Electroendosmosis (EEO)	A426-07	500 g

Agarose Selection Guide

Product Number	A426	4090	4063
Use	Routine Nucleic Acid & Protein Electrophoresis, Blotting	Low Melting for DNA & RNA Recovery	Pulsed Field Gel Electrophoresis, Rapid Runs
Gelling Temp.	35.5–36.5 °C	26–30 °C @ 1.5%	41–43 °C
Separation Range	>1 kb	>1 kb	1 kb–2 mb
DNase and RNase Activity	N/A	None Detected	None Detected
Melting Temp.	N/A	<65 °C @ 1.5%	N/A
Moisture	<10%	<10%	<7.0%
Sulfate	<0.35%	<0.10%	<0.20%
EEO (-mr)	0.10–0.15	<0.10	0.04–0.08
Gel Strength @ 1% (g/cm ²)	>800	>200	>2,000
Application Type	Analytical	Preparative	Analytical
Grade	Biochemical Reagent	ULTRAPURE BIOREAGENT	ULTRAPURE BIOREAGENT

For related products and specifications please visit www.avantormaterials.com



Phillipsburg, NJ 9001:2008 & 14001:2004
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, the Netherlands 9001:2008 & 14001:2004 & 13485:2003
Selangor, Malaysia 9001:2008

About Avantor™ Performance Materials

Avantor Performance Materials manufactures and markets high-performance chemistries and materials around the world under several respected brand names, including the J.T.Baker®, Macron Fine Chemicals™, Rankem™, Diagnova™, BeneSphera™, and POCH™ brands.

Avantor products are used in a wide range of industries. Our biomedical and life science solutions are used in academic, industry and quality control laboratories for research, pharmaceutical production and medical lab testing, while our electronics solutions are used in the manufacturing of semiconductors and flat panel displays. Based in Center Valley, Pennsylvania (USA), Avantor is owned by an affiliate of New Mountain Capital, LLC.

For additional information please visit www.avantormaterials.com or follow www.twitter.com/avantor_news



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AskAvantor™

Our Web site features ASK Avantor™ which includes live chat capabilities with customer service representatives.

www.avantormaterials.com/askavantor

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Worldwide Locations

- China
- India
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For contact information at these locations, visit www.avantormaterials.com/Support/Contact-Us/Worldwide-Directory.aspx

Lit Number: 9031

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