Fine-powdered Agarose

For Agarose Electrophoresis

nacalai tesque
The quality for certainty.

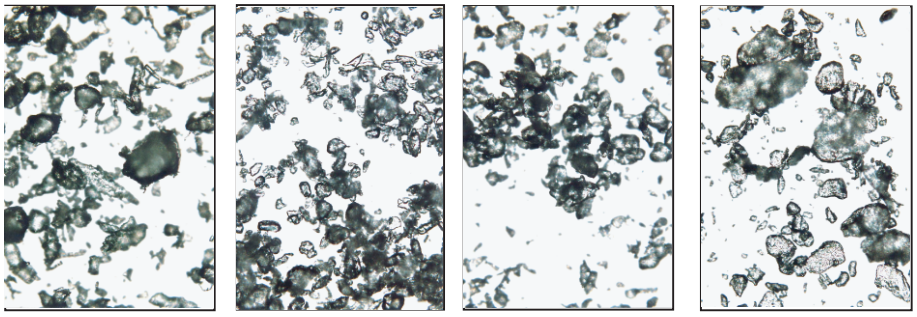
One of the advantages of the fine-powdered agarose is the increased solubility. Not only easy to handle and weigh, it saves your precious time. The most important feature is the high resolution of the gel it produces.

Features

High soluble: smaller average particle size for easy disolution
Simple: easy weighing operation
Clear: sharp and clean electrophoresis result

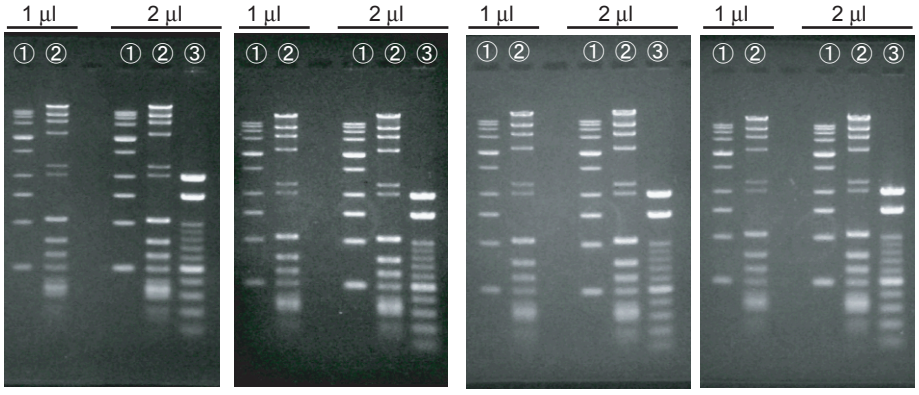
Solubility comparison - Particle size and solubility

Solubility tests have been done using microwave oven (400 W).
Photo image: microscope (x25)



Agarose:	Conventional	**Fine-powdered**	A Company	B Company
Solubility (speed):	Fast	Very fast	Very fast	Normal
Time:	2 min 50 sec	1 min 53 sec	1 min 55 sec	3 min 10 sec

Image comparison



Agarose: Conventional **Fine-powdered** A Company B Company

Electrophoresis conditions :

Gel	: 1.5% Agarose	Sample	: ① Perfect DNA Markers, 0.5-12kbp	0.1 µg/µl
Buffer	: 1xTAE Buffer		② λ/HindⅢ digest φx174/HincⅡ digest	0.1 µg/µl
Time	: 75 min		③ 100bp DNA Ladder	0.12 µg/µl
Dyeing method	: EtBr			

Specification

Type :	≧ 1kbp
Sulfate (%) :	≦0.2
Gel Strength :	≧2,500 g/cm^2 (at 1.5%)
Gel Point (°C) :	36 ± 1.5
Electroendosmosis (-mr) :	0.09-0.13

Ordering information

Product name	Grade	Storage	Code No.	PKG Size
Fine-powdered Agarose	SP	RT	02468-66	100 g
			02468-95	500 g

Ordering Information

Product name	Grade	Storage	Code No.	PKG Size
Agarose for ≧ 1kbp fragment Type : ≧ 1kbp Sulfate (%) : ≦0.5 Gel Strength : ≧2,000 g/cm^2 (at 1.5%) Gel Point (°C) : 35 - 37 Electroendosmosis (-mr) : ≦0.12	SP	RT	01145-32 01145-74	25 g 100 g
Agarose for ≧ 1kbp fragment Type : ≧ 1kbp Sulfate (%) : ≦0.2 Gel Strength : ≧2,500 g/cm^2 (at 1.5%) Gel Point (°C) : 36 ± 1.5 Electroendosmosis (-mr) : 0.09-0.13	SP	RT	01163-92 01163-76 01163-05	25 g 100 g 500 g
Agarose-RE for ≧ 1kbp fragment, for Restriction and Ligation Type : ≧ 1kbp Sulfate (%) : ≦0.2 Gel Strength : ≧2,500 g/cm^2 (at 1.5%) Gel Point (°C) : 36 ± 1.5 Electroendosmosis (-mr) : 0.09 - 0.13 DNase, RNase tested	SP	RT	01149-92 01149-76 01149-05	25 g 100 g 500 g
Agarose for 150-1,500bp fragment Type : 150 - 1,500bp Sulfate (%) : ≦0.1 Gel Strength : ≧2,000 g/cm^2 (at 1.5%) Gel Point (°C) : ≦36.5 Electroendosmosis (-mr) : ≦0.12 DNase, RNase tested	SP	RT	01153-22 01153-64	25 g 100 g
Agarose for 50-800bp fragment Type : 50 - 800bp Sulfate (%) : ≦0.1 Gel Strength : ≧750 g/cm^2 (at 1.5%) Gel Point (°C) : 30 Electroendosmosis (-mr) : ≦0.12 DNase, RNase tested	SP	RT	01147-12 01147-96	25 g 100 g
Agarose-LE, Classic type Type : LE, Classic Sulfate (%) : ≦0.2 Gel Strength : ≧2,500 g/cm^2 (at 1.5%) Gel Point (°C) : 36 ± 1.5 Electroendosmosis (-mr) : 0.09 - 0.13	SP	RT	01157-82 01157-66 01157-95	25 g 100 g 500 g
Agarose-ME, Classic type Type : ME, Classic Sulfate (%) : ≦0.25 Gel Strength : ≧2,000 g/cm^2 (at 1.5%) Gel Point (°C) : 36 ± 1.5 Electroendosmosis (-mr) : 0.16 - 0.19	SP	RT	01158-72 01158-56 01158-85	25 g 100 g 500 g

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