

Agarose is supplied in convenient tablet form, featuring 10 tablets in one blister pack. Agarose tablets might be used as safe and clean equivalent of agarose powder in all applications.

Each agarose tablet consists 0.5 g agarose, molecular biology grade, ready to be dissolved in the appropriate amount buffer of choice. Using agarose tablets eliminates the weighting step. Process of dissolving, casting and running electrophoresis gels is performed analogically as with agarose powder.

For the best results: please allow your agarose tablet presoak in buffer for 1-2 minutes before heating.

CERTIFICATE OF ANALYSIS

Product Name: **Agarose tablets** (CAS NO: 9012-36-6; Cat. No. E0305)

Grade: Electrophoresis grade

Batch No.: 1-787202

Report date: 11th January, 2013

TEST	SPECIFICATION	RESULTS
Appearance:	White tablet -0.5 g (\pm 0.01g)	pass
Solubility:	clear colorless solution at 1g plus 100ml water	pass
Water:	10% max.	9%
Gel strength(1% Gel):	1200 g/cm ² min.	1560 g/cm ²
EEO(Electroendosmosis):	0.13 max.	0.09
Sulfate:	0.15% max.	0.12%
Gelling point (1.5% Gel):	36°C \pm 1.5°C	36°C
Melting point (1.5% Gel):	88°C \pm 1.5°C	88°C
DNase:	NONE	pass
RNase:	NONE	pass
Protease:	NONE	pass
Endonuclease/ligase inhibitory factor:	NONE	pass

This product is developed, designed and sold exclusively for research purposes and *in vitro* use only.