



1% Agarose - Low EEO  
Gel (stained using EtBr)

**Top Tip**

**High Gel Strength**

If you need a high gel strength Agarose, why not use Agarose - Low EEO at a gel concentration of 1.5%, this will give you a gel strength of  $\geq 2500$  whilst saving on the high cost of a speciality high strength Agarose!

**Samples Available**

Available  
in  
Custom Quantities

# Agarose - Low EEO

*All purpose Agarose for Molecular Biology*

- ✓ Low EEO (0.05-0.13)
- ✓ High Gel Strength ( $\geq 1200$ )
- ✓ Low Absorption of Staining Reagents

**A**garose - Low EEO is an all-purpose Agarose ideal for nucleic acid analytical/preparative work, blotting and routine applications. This Agarose has a low EEO (electroendosmosis) allowing for shorter electrophoretic runs without compromising resolution combined with a high mechanical resistance for easier and more reliable handling.

Agarose - Low EEO has low absorption of staining agents and high thermal stability due to high hysteresis (difference between gelling and melting temperatures), it has excellent transparency of the gel and high visability. The low cost of Agarose - Low EEO makes it the ideal performance Agarose for general use in electrophoresis.

Moisture	$\leq 7\%$
Ash	$\leq 4\%$
EEO*	0.05-0.13
Sulphate	$\leq 0.1\%$
Clarity 1.5% (NTU)	$\leq 3$
Gel Strength 1% (g/cm <sup>2</sup> )	$\geq 1200$
Gel Strength 1.5% (g/cm <sup>2</sup> )	$\geq 2500$
Gelling Temperature 1.5% (°C)	36 $\pm$ 1.5
Melting Temperature 1.5% (°C)	88 $\pm$ 1.5
DNase/RNase	None Detected
DNA Resolution > 1000bp	Finely Resolved
Gel Background	Very Low

\*EEO (electroendosmosis)

**Ordering Information**

	Code	Size
Agarose - Low EEO	NBS-AG100	100g
	NBS-AG500	500g