

# Atlas Agarose Ultra Pure

Cat. No.	Pack Size
BA01101	100 g
BA01102	500 g
BHS0001	5 g SAMPLE

## Storage & Shipping:

Storage and shipping at room temperature. Protect from moisture.

## Applications:

- Analytical electrophoresis of DNA and RNA
- Blotting of DNA and RNA

## Description:

Atlas Agarose Ultra Pure is nuclease-free for all purpose agarose powder. It is ideal for routine analysis of nucleic acids by gel electrophoresis or blotting and is also suitable for protein applications. Due to its low EEO, DNA it has high electrophoretic mobility.

The purity of the agarose leads to an excellent transparency and to a low background. This is especially important in order to obtain sharp and well-defined DNA and/or RNA bands with the highest sensitivity in the low molecular weight range.

## Specification:

Gel strength (1%)	≥1200 g/cm <sup>2</sup>
Gel concentration:	0.8% – 2%
Gelling Temperature (1.5%):	36°C± 1.5°C
Melting temperature (1.5%):	≥90°C
Moisture:	≤ 10%
Sulfate:	≤ 0.15%
EEO(-mr):	0.05 – 0.13
Separation range electrophoresis:	100 bp to >23 kb
Separation range blotting	>1 Kb
DNase/RNase	Negative

## Safety warnings and precautions:

Caution when using hot, viscous solutions! Use suitable safety gear and open bottle gently to avoid accidents.

This product is designed for research purposes and *in vitro* use only.

According to common laboratory safety practice, it is recommended to wear protective clothing, gloves and safety glasses. Please refer to [www.bioatlas.com](http://www.bioatlas.com) for Material Safety Data Sheet of the product.

*Some applications this product is used in may require a license which is not provided by the purchase of this product. Users should obtain the license if required.*