

Agarose

Cat. Nos.-Packaging Sizes:

N9051-500g; N9052-100g

CAS: 9012-36-6

For Research Use Only

Storage

Store at room temperature, keep dry.

Description

Agarose is the most popular medium for electrophoresis because of the large size for rapid diffusion and low background. GDSBio's Agarose is a multi-purpose agarose with high purity and Low EEO, which is produced in a green, original process without using organic solvents, reducing pollution to the environment and the impact on operators and samples.

Applications

DNA/RNA gel electrophoresis.

Quality indicators

Appearance: Fine, homogeneous white powder.

Moisture: $\leq 10\%$.

Gel strength (1% gel): $\geq 1200 \text{ g/cm}^2$.

EEO (Electroendosmosis): ≤ 0.13

Sulfide (SO_4^{2-}): $\leq 0.15\%$.

Solubleness: colorless clear gel liquid.

Ash: $\leq 0.5\%$.

Solidification temperature (1.5% gel): $36^\circ\text{C}\pm 1.5^\circ\text{C}$.

Thawing temperature (1.5% gel): $88^\circ\text{C}\pm 1.5^\circ\text{C}$.

DNase/RNase Assay: None detected.

Proteinase Assay: None detected.