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Product Specifications

Catalogue Number 49531

Product **Agarose Low Melting**

CAS Number 9012-36-6

Appearance White to off-white, free flowing powder

Solubility Clear, colorless solution (1.5% aq. hot solution)

Melting Point < 65 °C (1.5% gel)

Gel Strength
≥ 200 g/cm² (1% gel)
≥ 300g/cm² (1.5% gel)
≥ 500g/cm² (3% gel)

Anion Sulphate (SO₄²⁻): ≤ 0.15%

Loss on Drying ≤ 10%

DNase, RNase, Protease Not Detected

Gelling temperature 26 - 30 °C (1.5% aq. solution)

Electroendosmosis EEO (-Mr) ≤ 0.10

Absorbance Absorbance (A) of 1.5% aq. solution at ~ 50 °C
at 430 nm: ≤ 0.1
at 530 nm: ≤ 0.05
at 655 nm: ≤ 0.03

Grade Molecular biology grade

Application Suitable for separation of DNA fragments < 1000 base pairs (bp)
and can distinguish fragments as small as 8 bp

Storage Store at RT

For Laboratory Use Only