

## Specification

### Agarose low EEO (Agarose Standard)

**A2114**

<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A2114
<b>Product Name:</b>	Agarose low EEO (Agarose Standard)
<b>Specifications:</b>	DNases/RNases/Proteases: not detectable Ash: $\leq 0.5 \%$ Electroendoosmosis (EEO): 0.09 - 0.13 Moisture: $\leq 10 \%$ Gel strength (1 %): $\geq 1200 \text{ g/cm}^2$ Gel strength (1.5 %): $\geq 2300 \text{ g/cm}^2$ Gel point (1.5 %): $36 \pm 1.5^\circ\text{C}$ Melting point: $88 \pm 1.5^\circ\text{C}$ Sulfate: $\leq 0.2 \%$
<b>WGK:</b>	1
<b>Storage:</b>	RT
<b>CAS:</b>	9012-36-6
<b>EINECS:</b>	232-731-8
<b>CS:</b>	39139000
<b>Comment</b>	<p>The agaroses low EEO, high EEO, medium EEO and special EEO differ mainly in their electroendoosmosis (EEO) values. These values are very important in the separation especially of proteins. All four agaroses can be mixed to meet the desired EEO value. This Agarose low EEO Standard has a very low EEO value and is recommended for the preparation of <b>analytical</b> and <b>preparative gels</b> with a very good resolution of nucleic acid fragments with sizes larger than 1000 bp (at higher concentrations even less than 1000 bp). It may be used at concentrations between 0.8 and 2 %. Agarose Low EEO has a very low DNA binding capacity and is suited for blotting experiments (Northern, Southern, ...), control of restriction digests etc. and can be used in all buffer systems.</p>

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