

# Specification

## Technical Data Sheet

<b>Product Name</b>	Agarose Low EEO
<b>Product No</b>	19731356
<b>CAS Number</b>	9012-36-6
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	N/A
	<b>Specification</b>
<b>Appearance</b>	White to cream powder
<b>Ash</b>	$\leq 0.4\%$
<b>Clarity</b>	' $\leq 3$
<b>DNA resolution <math>\geq 1000</math> bp</b>	Finely resolved
<b>Gel background</b>	Very low
<b>Gel Strength 1% (g/cm<sup>2</sup>)</b>	$\geq 1200$
<b>Gel Strength 1.5 % (g/cm<sup>2</sup>)</b>	$\geq 2500$

## Specification

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**Gelling Temperature 1.5 % (°C)** 36 ± 1.5

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**Melting Temperature 1.5 % (°C)** 88 ± 1.5

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**Sulfate** ≤ 0.1%

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**DNase & RNase Activity** Non detected

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**EEO** 0.05-0.13

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**Moisture Content (Karl Fischer)** ≤ 10%

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