

# Specification

Item number: T846

**Agarose Broad Range**

**ROTI®Garose BioScience Grade**

CAS No.: 9012-36-6

print date: 01.01.2024

formula:

density:

molecular weight:

## **Guarantee analysis**

<b>Electroendosmosis (EEO)</b>	≤0,12
<b>Ash content</b>	≤0,25 %
<b>Sulphate (SO<sub>4</sub>)</b>	≤0,12 %
<b>Turbidity (1.5 % solution)</b>	≤4 NTU
<b>Loss on drying</b>	≤7 %
<b>Gel strength (1 % gel)</b>	≥1800 g/cm <sup>2</sup>
<b>Gel strength (1.5 % gel)</b>	≥3200 g/cm <sup>2</sup>
<b>Gelling temperature</b>	34,5-37,5 °C
<b>Melting temperature</b>	86,5-89,5 °C
<b>DNA-separation (≥1000 bp)</b>	complies
<b>DNases, RNases</b>	none detected

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

**Dr. R. Niemand**

*Head of Quality Assurance*

**S. Lorsee**

*Head of Quality Management*

*This document is computer printout and has therefore not been signed by hand.*

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