

# Specification

Item number: 7612

## Dextran sulphate 40 sodium salt for biochemistry

CAS No.: 9011-18-1

print date: 01.01.2024

formula:

density:

molecular weight: ~40000 g/mol

### Type analysis

<b>Appearance</b>	off-white to light yellow powder
<b>Specific viscosity (25 °C, 1M NaCl)</b>	0,05-0,13
<b>pH-value (1 % in H<sub>2</sub>O)</b>	5,0-7,5
<b>Specific rotation <math>[\alpha]_D^{20}</math></b>	+75° to +105°
<b>Loss on drying</b>	≤10,0 %
<b>Loss on ignition</b>	35-50 %
<b>Free sulphate</b>	≤0,2 %
<b>Sulphur (S)</b>	17,0-20,0 %
<b>Iron (Fe)</b>	≤2,0 %
<b>Chloride (Cl)</b>	≤0,1 %
<b>Glucose</b>	35-48 %

from *Leuconostoc mesenteroides*

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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