

**neoFroxx GmbH**

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## Specification

|                |                                    |
|----------------|------------------------------------|
| <b>Product</b> | <b>Dextran 70 for biochemistry</b> |
| <b>Brand</b>   | BioFroxx                           |

|                        |                      |
|------------------------|----------------------|
| Product number         | 2361                 |
| Formula                | $(C_6H_{10}O_5)_n$   |
| Molecular weight       | approx. 70.000 g/mol |
| CAS number             | 9004-54-0            |
| Storage                | below 25°C           |
| Retest period (months) | 60                   |

| Parameter                             | Specification    |
|---------------------------------------|------------------|
| Appearance                            | white powder     |
| Loss on drying<br>(0.2 g, 5 h, 105°C) | max. 7.0 %       |
| Solubility (10 % in water)            | clear, colorless |
| IR spectrum                           | passes test      |
| pH (20°C, 6 % in water)               | 4.5 - 7.0        |
| Specific rotation<br>(20°C in water)  | +195° bis +203°  |
| Heavy metals                          | max. 0.001 %     |
| Endotoxin test                        | passes test      |

Einhausen, 14.06.2021