

**neoFroxx GmbH**

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## Specification

| Product                   | Agar for microbiology                                                               |
|---------------------------|-------------------------------------------------------------------------------------|
| Product number            | 1182                                                                                |
| Synonyms                  | Agar-Agar                                                                           |
| CAS number                | 9002-18-0                                                                           |
| Storage                   | below 25°C                                                                          |
| Retest period (months)    | 48                                                                                  |
| Parameter                 | Specification                                                                       |
| Appearance                | cream coloured, free flowing powder                                                 |
| Solubility                | freely soluble in hot water at temperatures above 85°C and insoluble in cold water. |
| Residue on ignition (Ash) | <= 6.5 %                                                                            |
| Gel point                 | 30 - 36°C                                                                           |
| Gel strength (1.5 %)      | 750 - 1000 g/cm <sup>2</sup>                                                        |
| pH (1.5 % in water, 60°C) | 6 - 8                                                                               |
| Gelatin                   | not detectable                                                                      |
| Starch                    | not detectable                                                                      |
| Water                     | <= 20 %                                                                             |
| Arsenic (As)              | <= 0.0003 %                                                                         |
| Calcium (Ca)              | <= 0.1 %                                                                            |
| Heavy metals              | <= 0.001 %                                                                          |
| Melting range             | > 85°C                                                                              |

Einhausen, 24.07.2024