

**A N A L Y S E N Z E R T I F I K A T**  
 CERTIFICATE OF ANALYSIS

|                                                   |                                |
|---------------------------------------------------|--------------------------------|
| <b>Acrylamid/ Bis-Lösung, 37.5 : 1 (30 % w/v)</b> | <b>Kat.Nr./Cat.No. : 10688</b> |
| Acrylamide/ Bis Solution, 37.5 : 1 (30 % w/v)     | <b>Lot/Contr.No. : P180376</b> |

| <b>Parameter</b><br>parameter                         | <b>Methode</b><br>method                                                                                                                                                 | <b>Spezifikation</b><br>specification   | <b>Ergebnis</b><br>result |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------|
| <b>Beschreibung</b><br>description                    | Lösung enthält 30 % (w/v) Acrylamid-Bisacrylamid (37.5:1) in deionisiertem Wasser.<br>Solution contains 30 % (w/v) acrylamide-bisacrylamide (37.5:1) in deionized water. |                                         |                           |
| <b>Aussehen</b><br>appearance                         |                                                                                                                                                                          | klar und farblos<br>clear and colorless | entspricht<br>corresponds |
| <b>Gehalt (%)</b><br>assay                            | Brechungsindex<br>refraction index                                                                                                                                       | 30.0 ± 0.5                              | 30.3                      |
| <b>pH</b>                                             | 5 % in H <sub>2</sub> O                                                                                                                                                  | 6.0 – 8.0                               | 6.2                       |
| <b>A 1 cm/ 290 nm</b>                                 | 5 % in H <sub>2</sub> O                                                                                                                                                  | max. 0.7                                | 0.456                     |
| <b>Acrylsäure (%)</b><br>acrylic acid                 | Titration                                                                                                                                                                | max. 0.03                               | < 0.01                    |
| <b>Leitfähigkeit (µS/ cm)</b><br>conductivity         |                                                                                                                                                                          | max. 100                                | 2                         |
| <b>Polymerisationszeit (min)</b><br>polymerizing time | 15 % Gel / 25 °C                                                                                                                                                         | max. 30                                 | 10 – 12                   |
| <b>Mindesthaltbarkeit</b><br>minimum shelf life       |                                                                                                                                                                          |                                         | 16.05.2020                |
| <b>Lagerung (°C)</b><br>storage                       |                                                                                                                                                                          |                                         | +2 bis/ to +8             |

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**SERVA Electrophoresis GmbH**  
**Qualitätskontrolle/ Quality Control**

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