

ANALYSENZERTIFIKAT
CERTIFICATE OF ANALYSIS

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|-----------------------------------------------------------------------------------|---------------------------------------|
| Acrylamide 4X , für molekularbiologische Zwecke molecular biology grade | Kat.Nr./Cat.No. : 10678 |
| | Lot/Contr.No. : 140081 |

| Parameter parameter | Methode method | Spezifikation specification | Ergebnis result |
|--------------------------------------------------------|---------------------------------------|-----------------------------------------|---------------------------|
| Summenformel formula | | C ₃ H ₅ NO | |
| Molekulargewicht molecular weight | | 71.1 | |
| Aussehen appearance | | weiße Kristalle white crystals | entspricht corresponds |
| Gehalt (%) assay | HPLC | min. 99.0 | 99.99 |
| Acrylsäure (%) acrylic acid | Titration | max. 0.002 | 0.001 |
| A 1cm/ 290 nm | 5 % in H ₂ O | max. 0.6 | 0.468 |
| Löslichkeit solubility | 5 % in H ₂ O, 25 °C | klar und farblos clear and colorless | entspricht corresponds |
| pH | 5 % in H ₂ O | 5.0 – 8.0 | 6.3 |
| Leitfähigkeit (µS/cm) conductivity | 40 % in H ₂ O, 20 °C | max. 20 | 2 |
| Polymerisationszeit (min) polymerizing time | 15 % Gel, 3 mM APS / TEMED / 25 °C | max. 30 | 7 – 8 |
| DNase/ RNase Aktivität DNase/ RNase activity | | nicht nachweisbar not detectable | entspricht corresponds |
| Mindesthaltbarkeit minimum shelf life | | | 02/ 2018 |
| Lagerung (°C) storage | | | +2 bis/ to +8 |

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SERVA Electrophoresis GmbH
Qualitätskontrolle/ Quality Control

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