

**CERTIFICATE OF ANALYSIS**

**IEF Markers 3-10, SERVA Liquid Mix** **Cat.No. : 39212**  
**Lot No.: P170032**

| <b>Protein Components</b>                          | <b>pI</b>        | <b>Country of origin<br/>(for animals)</b> | <b>Molecular weight<br/>(kDa)</b> |
|--|------------------|--|-----------------------------------|
| <b>Cytochrome C</b> (horse, heart)                 | 10.7             | Canada                                     | 12.4                              |
| <b>Ribonuclease A</b> (bovine pancreas)            | 9.5              | New Zealand                                | 13.7                              |
| <b>Lectin</b> (Lens culinaris)                     | 8.3, 8.0,<br>7.8 |  | 2 x 17.0 / 2 x 8.0                |
| <b>Myoglobin</b> (horse, muscle)                   | 7.4, 6.9         | Mexico                                     | 17.8                              |
| <b>Carbonic anhydrase</b><br>(bovine erythrocytes) | 6.0              | USA  | 29.0                              |
| <b>b-Lactoglobulin</b> (bovine, milk)              | 5.3, 5.2         | USA  | 14.0                              |
| <b>Trypsin inhibitor</b> (soybean)                 | 4.5              |  | 21.5                              |
| <b>Glucose oxidase</b> (Aspergillus niger)         | 4.2              |  | 150.0                             |
| <b>Amyloglucosidase</b><br>(Aspergillus niger)     | 3.5              |  | 97.0                              |
| <b>Storage (°C)</b>                                |                  |  | -15 to -25                        |
| <b>Minimum shelf life</b>                          |                  |  | 19.04.2018                        |

**Handling**

ready-to-use

Apply 5µl (50µg protein) per lane when staining with SERVA Violet 17  
SERVA Blue R, SERVA Blue G or Coomassie. For silver staining,  
dilute 1:10 and apply 5µl (5µg protein) per lane.

We do not guarantee that the product can be used for a special application.  
This document does not release you from performing the standard control upon receipt of incoming goods.

**SERVA Electrophoresis GmbH**  
**Quality Control**

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Dipl.-Ing. (FH) Bernhard Göckel

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