



Specification

**Acrylamide 2K Standard grade, extrapure**

**A1089**

|                              |   |
|------------------------------|---|
| <b>Physical Description:</b> | Solid   |
| <b>Product Code:</b>         | A1089   |
| <b>Product Name:</b>         | Acrylamide 2K Standard grade, extrapure   |
| <b>Specifications:</b>       | <p>Assay (titr.): min. 98 %</p> <p>Conductivity (40 %): max. 100 µS/cm</p> <p>pH (10 %; 0.1 M NaCl; 20°C): 5.0 - 7.0</p> <p>Loss on drying: max. 1.0 %</p> <p>Acrylic acid (titr.): max. 0.05 %</p> <p>Cu: max. 0.001 %</p> <p>A (1 cm/10 % in H<sub>2</sub>O)</p> <p>300 nm: max. 0.3</p> <p>320 nm: max. 0.1</p> <p>430 nm: max. 0.01</p> |
| <b>Hazard pictograms</b>     |    |
| <b>UN:</b>                   | 2074  |
| <b>Class/PG:</b>             | 6.1/III   |
| <b>ADR:</b>                  | 6.1/III   |
| <b>IMDG:</b>                 | 6.1/III   |
| <b>IATA:</b>                 | 6.1/III   |
| <b>WGK:</b>                  | 3   |
| <b>Storage:</b>              | 2-8°C   |
| <b>Signal Word:</b>          | Danger  |
|                              |   |

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|                           |  |
|---------------------------|--|
| <b>GHS Symbols:</b>       | GHS06<br>GHS08   |
| <b>H Phrases:</b>         | H301<br>H312+H332<br>H315<br>H317<br>H319<br>H340<br>H350<br>H361f<br>H372 |
| <b>P Phrases:</b>         | P201<br>P280<br>P302+P352<br>P305+P351+P338                                |
| <b>Molecular Formula:</b> | C <sub>3</sub> H <sub>5</sub> NO   |
| <b>M:</b>                 | 71.08 g/mol  |
| <b>CAS:</b>               | 79-06-1  |
| <b>EINECS:</b>            | 201-173-7  |
| <b>CS:</b>                | 29241900   |
| <b>Index Nr.:</b>         | 616-003-00-0   |
|                           |  |

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