

Specification

**Urea crystalline p. A.**

**A5470**

|                              |  |
|------------------------------|--|
| <b>Solubility:</b>           | 1000 g/L (H <sub>2</sub> O)  |
| <b>Physical Description:</b> | Solid  |
| <b>Product Code:</b>         | A5470  |
| <b>Product Name:</b>         | Urea crystalline p. A.   |
| <b>Specifications:</b>       | Assay (from N): min. 99 %<br>Heavy metals (as Pb): max. 0.001 %<br>Identity: passes test<br>Sulfated ash: max. 0.1 %<br>Alkalinity: passes test<br>Melting range: 132 - 135°C<br>H <sub>2</sub> O-insoluble matter: max. 0.01 %<br>Biuret: max. 0.1 %<br>Appearance of solution (10 %; H <sub>2</sub> O): clear, colorless<br>Chloride: max. 0.001 %<br>Sulfate: max. 0.001 %<br>Ammonium: max. 0.05 % |
| <b>WGK:</b>                  | 1  |
| <b>Storage:</b>              | RT   |
| <b>Molecular Formula:</b>    | NH <sub>2</sub> CONH <sub>2</sub>  |
| <b>M:</b>                    | 60.06 g/mol  |
| <b>CAS:</b>                  | 57-13-6  |
| <b>EINECS:</b>               | 200-315-5  |
| <b>CS:</b>                   | 31021010   |
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