

Specification

**D-Luciferin Sodium Salt**

**A1006**

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| <b>Physical Description:</b>  | Solid  |
| <b>Product Code:</b>  | A1006  |
| <b>Product Name:</b>  | D-Luciferin Sodium Salt  |
| <b>Specifications:</b>  | Assay (HPLC): min. 98.5 %<br>Solubility: clear, yellow (4 mg in 1 mL 0.005 M Glycine)<br>Molar absorption: min. 17500 (385 nm pH 11.5) |
| <b>WGK:</b>   | 1  |
| <b>Storage:</b>   | -20°C<br>protected from light  |
| <b>Shipment:</b>  | ambient temperature  |
| <b>Molecular Formula:</b>   | $C_{11}H_7NaN_2O_3S_2$   |
| <b>M:</b>   | 302.31 g/mol   |
| <b>CAS:</b>   | 103404-75-7  |
| <b>CS:</b>  | 29342080   |
| <b>Comment</b>  |  |
| <b>Literature</b> and <b>Comment</b> see D-Luciferin free acid (A1029). |  |
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