

Specification

**Vitamin B<sub>12</sub> (Ph. Eur.) pure, pharma grade**

**A8454**

|                              |  |
|------------------------------|--|
| <b>Physical Description:</b> | Solid  |
| <b>Product Code:</b>         | A8454  |
| <b>Product Name:</b>         | Vitamin B <sub>12</sub> (Ph. Eur.) pure, pharma grade  |
| <b>Specifications:</b>       | <p>Assay (UV, calc. on dried subst.): 96.0 - 102.0 %</p> <p>Loss on drying (2 h; 105°C; vacuum): max. 12 %</p> <p>Related subst. (HPLC): passes test</p> <p>Identity: passes test</p> <p>Absorption maxima (278, 361, 547 - 559 nm): passes test</p> <p>A (1 cm/0,0025 %, H<sub>2</sub>O)</p> <p>361/278 nm: 1.70 - 1.90</p> <p>361 nm/547 - 559 nm: 3.15 - 3.45</p> |
| <b>WGK:</b>                  | 1  |
| <b>Storage:</b>              | <p>2-8°C</p> <p>protected from light</p>   |
| <b>Molecular Formula:</b>    | C <sub>63</sub> H <sub>88</sub> CoN <sub>14</sub> O <sub>14</sub> P  |
| <b>M:</b>                    | 1355.39 g/mol  |
| <b>CAS:</b>                  | 68-19-9  |
| <b>EINECS:</b>               | 200-680-0  |
| <b>CS:</b>                   | 29362600   |
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**AppliChem GmbH**

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • [info.de@itwreagents.com](mailto:info.de@itwreagents.com) • [www.itwreagents.com](http://www.itwreagents.com)  
 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340