

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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