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## Cyanocobalamin, For Molecular Biology

**MB241**

### Product Identifier

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CAS No.	:	68-19-9
EC No.	:	200-680-0
Molecular Formula	:	C <sub>63</sub> H <sub>88</sub> CoN <sub>14</sub> O <sub>14</sub> P
Molecular Weight	:	1355.37
Synonym	:	Vitamin B <sub>12</sub> , For Molecular Biology
HS Code	:	2936 26 10
Storage	:	2 - 8°C
Shelf life	:	3 years

### Technical Specification

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Appearance	:	Red to brown crystals or powder
Solubility	:	10 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
FTIR	:	Matches with the standard pattern
Loss on drying (at 105°C, 2 hr)	:	<= 12.0%
Assay (UV, on dry basis)	:	97.00 - 102.00%

### Safety Information

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UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	GG3750000
WGK	:	1