



# Product Specification

cdhfinechemical.com

## CYANOCOBALAMIN FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	<b>923700</b>
<b>SYNONYMS</b>	<b>Vitamin B<sub>12</sub></b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>68-19-9</b>
<b>ATOMIC ORMOLECULAR FORMULA</b>	<b>C<sub>63</sub>H<sub>88</sub>CoN<sub>14</sub>O<sub>14</sub>P</b>
<b>ATOMIC ORMOLECULAR WEIGHT</b>	<b>1355.37</b>
<b>PROPERTIES</b>	<b>Store at 2-8°C</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	Red to brown crystals or powder.
Solubility	Soluble in water
Minimum assay	97.0%
Spectral ratio (A361nm/A278nm)	1.70 – 1.88
Spectral ratio (A361nm/A550nm)	3.15 – 3.40
Spectral ratio (A351nm/A361nm)	0.57 – 0.65

### MAXIMUM LIMIT OF IMPURITY

Water (KF)	12.0%
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**Note(s) : Assay (if applicable) method mentioned.**

<b>WARNING</b> <b>Hazard statements:</b> Not hazardous. No hazards. <b>Precautionary statements</b> <b>Prevention:</b> ----- <b>Response:</b> -----	IMDG Code : -- UN No. : -- IATA : --
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**Disposal:**-----

**Hazard Pictogram(s) :**-----