



Product Specification

cdhfinechemical.com

CYANOCOBALAMIN FOR MOLECULAR BIOLOGY

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



PARAMETER	LIMIT
Description	Dark red crystalline powder.
Solubility	Soluble in alcohol.
Minimum assay (HPLC)	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.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

IMDG Code : --

UN No. : --

IATA : --

Hazard Pictogram(s) :-----

Replace Date 11-Feb-2026