



Specification

Methylcobalamin

CAS Number: 13422-55-4
Molecular Formula: C₆₃H₉₁CoN₁₃O₁₄P
Molecular Weight: 1344.38
Storage: -20°C
Retest Period: 36 Months from date of manufacture.

Test	Specification
Appearance	Dark red crystalline powder
Solubility	Soluble in cold water
Identification	Positive
Loss on Drying	≤ 11.5%
Assay	≥ 98.5%
Related Substances (HPLC)	≤ 5.0%
Residual Solvents Acetone	≤ 5000ppm
Pseudocyanocobalamin	Meets requirement
Heavy Metals	≤ 20ppm
Arsenic	≤ 2ppm
Cadmium	≤ 1ppm
Lead	≤ 2ppm
Mercury	≤ 1ppm
Microbiology Specifications	
Total Plate Count	≤ 800cfu/g
Yeast and Mold	≤ 80cfu/g
Coliforms	≤ 10cfu/g
E.Coli	Negative
Salmonella	Negative
Staph. Aureus	Negative

Approved:

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