

## Hydroxocobalamin USP

### Product Characteristics

Appearance	Dark red, crystalline powder
Country of origin	China
Manufacturer	Hebei Huarong Pharmaceutical Co Ltd

### Physical Profile

### Specification

Identification A, B & C	Meets USP
Loss on drying	14.0 – 18.0%
Assay (on anhydrous basis)	95.0 – 102.0%
pH	8.0 – 10.0
Related compounds	
B6-Hydroxymethyl derivative	≤ 0.50%
B5-Hydroxymethyl derivative	≤ 0.40%
Impurity (RRT0.70)	≤ 0.30%
Impurity (RRT0.75)	≤ 0.40%
Impurity (RRT0.82)	≤ 0.40%
Impurity (RRT0.93)	≤ 1.1%
C8 Epimer	≤ 1.0%
Impurity (RRT1.37-1.51)	≤ 0.50%
Cyanocobalamin	≤ 1.0%
Total impurities	≤ 4.0%
Any other impurity	≤ 0.20%
Residual solvents	
Acetone	≤ 0.5%
Total aerobic plate count	≤ 1000 CFU/g

### Packing and Storage

Store in tight containers, protected from light, moisture and heat.

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