

## 1. Identification

### Catalogue Number

H862820

### Lot Number

25-MGG-75-1

### Product Name

Hydroxocobalamin (>90%)

### Synonyms

Alpha Cobione; AlphaRedisol; Axlon; Ciplamin H; Hydroxo-cobalamin; Cobalex; Cobalin H; Cobinamide hydroxide phosphate 3'-ester with 5,6-dimethyl-1- $\alpha$ -D-ribofuranosylbenzimidazole Inner Salt; Codroxomin; Docclan; Docelan; Docevit; Droloximin; Ducobee Hy; Duradoce; Duralta-12; Hydrocobalamin; Hydrogrisevit; Hydrovit; Hydroxocobalamin; Hydroxocobalamine; Hydroxocobemine;

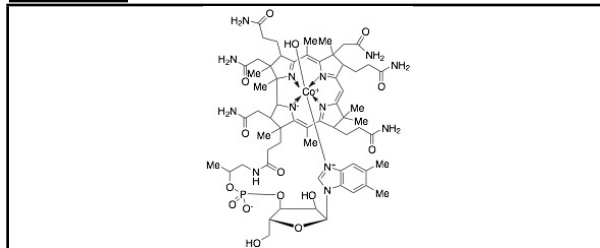
### CAS Number

13422-51-0

### Solubility

Methanol (Slightly), Water (Slightly)

### Structure



### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>62</sub>H<sub>89</sub>CoN<sub>13</sub>O<sub>15</sub>P

### Source of Product

Synthetic

### Long Term Storage Conditions

-20°C, Hygroscopic

### Molecular Weight

1346.36

### Purity

>95%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

### Tests

Appearance

### Specifications

Dark Red to Very Dark Purple Solid

### Results

Very Dark Red Solid

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 51.43, %H: 6.68, %N: 12.36

HPLC Purity

Report Result

90.55% (205 nm)

MS

Conforms to Structure

Conforms

### Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

### Reviewed by



Vijaya Annapareddy

Product Quality Specialist

### Reviewed by



Toni Rantanen

Manager, Quality Assurance

### C of A Approved by



Sadaf Samadi

Quality Assurance Associate

### Test Date

5/9/2025

### Retest Date

5/7/2029