

CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA Tel: (416) 665-9696, Fax: (416) 665-4439

Email:orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

Catalogue Number: M202800 CAS Number: 13422-55-4

Synonym: Methyl-5,6-dimethylbenzimidazolylcobalamin;

Methyl Vitamin B12; MeCbl; Algobaz; Hitocobamin-M; Methycobal; Methylcobaz;

Product: Mecobalamin

Structure:

Me Me NH₂

Me Me NH₂

Me Me NH₂

Me Me NH₂

Me N

Molecular Formula:

C63H91C0N13O14P

Molecular weight:

1344.38

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water

1/21/2023

1/19/2027

(Slightly)

Lot 4-LWJ-169-1

nber:

Shipping This Product Is Stable To Be **Condition:** Shipped At Room Temperature

Purity: 96%

Storage Condition: -20°C

2. Warning

Warning 1: Warning 2: Warning 3:

3. Analytical Information

Tests: Specifications: Results:

Appearance Red to Very Dark Red Solid Red to Very Dark Red Solid

HPLC Purity Report Result 97.70% (270 nm)

NMR Conforms to Structure Conforms
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 C of A Approved Test Date Retest Date

Chanell Chu

W/WW

Nicole Yip

40 Fr

Toni Rantanen

Charlett Ru