



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

**77472 - Vitamin B12 for molecular biology, 97% -
[68-19-9]**

Batch No

3150680

Analysis Date

18-Jan-2025

Date of Manufacture

January 2025

Expiry Date/Re-Test Date

January 2030

Molecular Formula

C63H88O14N14PCo

Molecular Weight

1355.38

Test Parameters**Standards****Actual Results**

Appearance (Colour)

Dark red

Dark red

Appearance (Form)

Crystalline powder

Crystalline powder

Solubility (Turbidity) 0.02% aq.
solution

Clear

Clear

Solubility (Colour) 0.02% aq.
solution

Red

Red

Assay (UV)

min. 97%

99.4%

Spectral Ratio
(A361nm/A278nm)

1.70-1.88

1.756

Spectral Ratio
(A361nm/A550nm)

3.15-3.40

3.181

Spectral Ratio
(A351nm/A361nm)

0.57-0.65

0.622

Water (KF)

max. 12%

5.3%

FRM/82/11/4/77472 Rev No. 1 Date 01/11/2015

Prepared by Mayur

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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