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Certificate of Analysis

Product:	Cyanocobalamin	**Cert. No.:**	01240501001
Batch No.	012405010	**Mfg. Date :**	May.03,2024
Weight:	30039g	**Cert. Date :**	May.11,2024
Expiry Date:	May.02,2029		

Test item	Specifications	Result
Characters	Dark red crystalline powder or dark red crystals.	Complies
Solubility	Sparingly soluble in water and in ethanol(96 percent),practically insoluble in acetone	Complies
Identification （A）（UV）	Absorption maxima at 278nm、 361nm and from 547nm to 559 nm	Complies
Ratio absorbances	A361/A278 nm 1.70-1.90	1.89
	A361/A550 nm 3.15-3.45	3.26
Identification （B）（TLC）	Conforms to standard	Complies
Identification C（Chemistry）	Positive	Complies
Related substances （HPLC）		
Total impurities	≤3.0%	0.9%
Loss on drying	≤12.0%	3.7%
Assay （ on dry basis ）（UV）	96.0～102.0%	99.1%
Residual solvent（GC）		
Acetone	≤0.5%	0.001%
Total plate count （Plate culture）	≤1000cfu/g	<10cfu/g
Yeasts & Moulds	≤100cfu/g	<10cfu/g
E.coli	Negative	Negative

河北华荣制药有限公司 质检专用章

Conclusion: This product complies with the specifications of IP 2022.

Edited by: 孙晓茹 Checked by: 李伟 Approved by: 张京川

CERTIFICATE OF ANALYSIS

Product Name: **Beet Root Dry Extract**				Product Qty :	**3.00 kg**
Batch Number	**JN/BV/A0509/2024**			Date of manufacture	**August 2024**
				Date of expiry	**July 2027**
Botanical Name	***Beta vulgaris***	Extract Ratio	**10:1**	Part Used	**Root**

Sr. No.	**Parameter**	**Specification**	**Results**
A	**Physical**		
1.	Description	Pink colour powder with characteristics odour & taste	Complies
2.	PH	3 to 7	4.54
3.	Solubility in water	NLT 80%	84.78%
4.	Loss on drying	Not more than 6.0%w/w	3.32%w/w
5.	Particle size	95% passing through 60mesh	Complies
B	**Assay**		
6.	Flavonoids By Gravimetric	Not less than 5%	5.16%
C	**Heavy Metals**		
7.	Lead	Not more than 10 ppm	Complies
8.	Arsenic	Not more than 3 ppm	Complies
9.	Cadmium	Not more than 0.3 ppm	Complies
10.	Mercury	Not more than 1 ppm	Complies
D	**Microbiological**		
11.	Total plate count	Not more than 1000cfu/g	Complies
12.	Total yeast and mold count	Not more than 100cfu/g	Complies
13.	Escherichia coli	Absent	Absent
14.	Salmonella spp.	Absent	Absent
15.	Coliforms	Absent	Absent
	Shelf life	3 years when storedin unopened original package at there commended storage condition.	
	Storage Condition	Store in dry, cool place, protected from light, heat and oxidation. There commended storage temperature is below 30°C.	

*** The product is of herbal origin. There may be minor color difference because of the geographical and seasonal variations of the plant material.**

Prepared By

Nirali Patel

Approved By

Sonal Patel

Aditya Chemicals

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DRUG LIC NO: G/25/1127, G/28/1786
FSSAI LIC NO:10721999000649

ANALYTICAL REPORT

Product name	Magnesium Gluconate USP	**Date of issue**	26/09/2022
Batch Size	225.00 Kg	**Batch No.**	Mg/GL/020922
Date of Manufacture	September 2022	**Date of Expiration**	August 2027

Sr. No.	USP Monograph Analysis		Specification	Observation
1.	Description		Colourless crystals or white powder or granules, odourless and tasteless.	white powder, odourless and tasteless.
2.	Solubility		Freely soluble in water; very slightly soluble in alcohol; insoluble in ether.	Freely soluble in water; very slightly soluble in alcohol; insoluble in ether.
3.	Identification	A (ref.191)	As per USP	Complies
		B (ref.621)	As per USP	Complies
4.	Water determination (ref.921)		3.0% to 12.0%	5.58 %
5.	Assay (on anhydrous basis)		98.0 % - 102.0%	99.74 %
6.	Heavy metals (ref.231)		NMT 20 ppm	< 20 ppm
7.	Chloride (ref.221)		NMT 0.05%	< 0.05 %
8.	Sulfate (ref.221)		NMT 0.05%	< 0.05 %
9.	pH (5% w/v solution) (ref. 791)		6.0 to 7.8	7.38
10.	Reducing substances		NMT 1.0%	0.29 %

Remark: Complies with the USP standard.
Storage Condition: Preserve in well-closed containers.

Prepared by	Checked by	Approved by
Chemist - Quality Control	H.O.D – Quality Control	H.O.D.- Quality Assurance
Sign: Bharga	Sign: D.R.Patel	Sign:
Date: 26/09/22	Date: 26/09/22	Date: 26/09/22

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CERTIFICATE OF ANALYSIS

Product Name: PYRIDOXINE HYDROCHLORIDE

Batch No.: Y62202401048

Manufacturing Date:	JAN.09,2024	Reporting Date:	JAN.12,2024
Expiry Date:	JAN.08,2028	Quantity:	500KGS

Specification: BP2023/USP2022/IP2022

Test Item	Specification	Result
Appearance	A white or almost white crystalline powder	almost White crystalline powder
Identification	(A) Consistent with the reference IR spectra	Consistent with the reference IR spectra
	(B)The principal peak corresponds to that with the reference in the test for related substances	The principal peak corresponds to that with the reference in the test for related substances
	(C) should be positive reaction	Positive reaction
PH	2.4~3.0	2.7
Appearance of solution	clear, not more intense than Y7	clear, not more intense than Y7
Heavy metals	NMT20ppm	<20ppm
Loss on drying	NMT0.5%	0.1%
Sulfated ash	NMT0.1%	0.04%
Chloride content	16.9~17.6%	17.2 %
Related substances		
—Total impurities	NMT0.20%	0.035%
—Unspecified impurities	NMT0.10%	0.017%
—B impurity	NMT0.15%	ND
Residual solvent		
—Ethanol	NMT0.3%	<0.3%
Assay	99.0~101.0%	99.6%

Conclusion: This batch complies with the specification of BP2023/USP2022/IP2022

Report by: LI JINGYI

Approved by:

ISSUED BY MANUFACTURER: HUAZHONG PHARMACEUTICAL CO., LTD.

ISSUED DATE: MAR.18,2024