



河北华荣制药有限公司

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Certificate of Analysis

RI 0306
R 18969

Product: Cyanocobalamin 1% Cert. No.: Z01230800201
 Batch No. Z012308002 Mfg. Date: Aug.27,2023
 Production: 1000kg Cert. Date: Sep.02,2023
 Diluent: Dicalcium Phosphate Retest Date: Aug.26,2025

Test item	Specifications	Methods	Results
Characters	Pale red, very small powder, Hygroscopicity	GB/T9841-2006	Complies
Identification A (UV)	Absorption maxima at 361±1nm and 550±2nm	GB/T9841-2006	Complies
Grain size	NLT 100% pass through 60 Mesh	In-house	Complies
	NLT 85% pass through 200 Mesh	In-house	Complies
Bulk density	≥0.6g/ml	ChP (0993)	0.68g/ml
Loss on drying	≤1.0%	GB/T9841-2006	0.4%
Pb	≤1.0ppm	GB 5009.268-2016	Complies
As	≤1.5ppm	GB 5009.268-2016	Complies
Hg	≤0.1ppm	GB 5009.268-2016	Complies
Cd	≤0.2ppm	GB 5009.268-2016	Complies
Assay (Cyanocobalamin) (HPLC)	≥1.0%	GB/T9841-2006	1.0%
Total plate count (Plate culture)	≤1000cfu/g	ChP (1105)	30cfu/g
Yeasts & Moulds	≤100cfu/g	ChP (1105)	<10cfu/g
Coliforms	Negative	ChP (1106)	Negative
E.coli	Negative	ChP (1106)	Negative
Salmonella	Negative	ChP (1106)	Negative
Staphylococcus aureus	Negative	ChP (1106)	Negative

Conclusion: This product complies with contract specification.

Edited by: 陈娟
2023.09.02

Checked by: 王峰
2023.09.02

Approved by: 张琼
2023.09.02

