

CERTIFICATE OF ANALYSIS

Product Name	VitaminB12 (Hydroxocobalamin )	Cert. No.	005
Batch No.	BH20190803	Packing	1KG/aluminium tin
Quantity	10kg	Mfg. date	Aug.3,2019
Expiry date	Aug.17,2021	Analysis date	Aug.6,2019
Test Method	USP38		

Test Items	Specifications	Test Results	Conclusion
Description	Darkredcrystallinepowder, have no smelland tasteless	Darkredcrystallinepowder, have no smelland tasteless	Complies
Identification	Positive	Positive	Complies
Solubility	soluble in water	soluble in water	Complies
Ratio Absorbances	A274nm/A351nm:0.75-0.83 A525nm/A351nm:0.31-0.35	0.79 0.32	Complies
Infrared Spectrum	Complies	Complies	Complies
Related Substance	≤4.0	2.9	
Pseudo Cyanocobalamine	Complies	Complies	Complies
Loss ondrying	≤12.0%	8.1%	Complies
Total Yeast & Mold	NMT100cfu/g	1cfu/g	Complies
Endotoxines	NMT0.58EU/mg	Negative	Complies
E.Coli.	Negative	Conform	Complies
Salmonella	Negative	Conform	Complies
Assay ondried	96.0%~102.0%	98.62%	Complies
Conclusion	Complies with EP9		