

HANGZHOU THINK CHEMICAL CO., LTD.

ADD: Chengnan Industrial zone, Meicheng, Jiande, Hangzhou, China

CERTIFICATE OF ANALYSIS

Product Name	Vitamin B12(Cyanocobalamin)	Reference	USP.34
Batch NO.	20130903	Packing	1000g/tin
Quantity	3kg	Mfg. date	Sept.06.2013
Expiry date	Sept.05.2018	Analysis date	Sept.21.2013

Test Items	Specifications	Test Result	Items Conclusion
Description	Dark red crystalline powder, Have no smelly and tasteless; Hygroscopicity.	Dark red crystalline powder, Have no smelly and tasteless; Hygroscopicity.	Complies
Identification	Positive	Positive	Complies
Ratio Absorbances	A361nm/A278nm:1.70-1.90 A361nm/A550nm:3.15-3.40	1.76 3.27	Complies
Pseudo Cyanocobalamin	Complies	Complies	Complies
Loss on Drying	≤12.0%	2.5%	Complies
Assay on dried	96.0%-100.5%	98.5%	Complies
Bacteria	≤1000cfu/g	30cfu/g	Complies
Mould、 yeasts	≤100cfu/g	No found	Complies
E Coli	No found	No found	Complies
Limit of residual solvents	Acetone≤0.5%	0.049%	Complies
Conclusion	The test items above complies with USP.34		

Storage conditions: Store in cool and dry places. Keep away from strong light and heat.

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