



## CERTIFICATE OF ANALYSIS

Product	Mecobalamin(Methylcobalamin)		
Batch No.	210612	Manufacture Date	2021/06/12
Batch Quantity	21.0 KG	Expiry Date	2023/06/11
Packing	0.5KG/Tin	Standard	JP XVII and in house standard
<b>Items &amp; Result</b>			
<b>Item</b>	<b>Spec.</b>		<b>Result</b>
Appearance	Dark red crystalline or crystalline powder		Complies
Identification A	Cobalt,Meets JP requirement		Complies
	UV:Compare the spectrum with the reference spectrum.Both spectra exhibit similar intensities of absorption at the same wavelengths		Complies
Clarity and color of solution	The solution is clear and red color		Complies
Loss on drying	$\leq 11.5\%$		4.2%
Related substances	Each area of the peaks other than mecobalamin is not more than 0.5% of the peak area of mecobalamin		0.4%
	The total area of the peaks other than mecobalamin is not more than 2.0%		1.2%
Residual solvent	Acetone $\leq 5000$ ppm		ND
Total plate count	$\leq 1000$ cfu/g		$< 10$ cfu/g
Yeasts and Molds	$\leq 100$ cfu/g		$< 10$ cfu/g
Assay	97.0%-102.0%		98.9%
<b>Conclusion:</b> Conform with the specification of USP41 and in house standard			
Storage: Cool & dry place. Keep away from strong light and heat.			
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