

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	<b>Beclomethasone dipropionate</b>		
<b>Batch No.</b>	LM-200301		
<b>Manufacturing Date</b>	March 23, 2020	<b>Expiry Date</b>	March 22, 2022
<b>Quantity</b>	50kg	<b>Specification</b>	USP40
<b>Analytical Results</b>			
<b>Items</b>	<b>Specifications</b>		<b>Results</b>
<b>Description</b>	White to cream white, odorless powder		Almost white odorless powder
<b>Identification</b>	IR Complies with the standard		Complies
<b>Solubility</b>	Very soluble in chloroform, freely soluble in acetone and in alcohol; very slightly soluble in water.		Complies
<b>Specific Rotation</b>	+88° to +94°		+92.2°
<b>Loss on drying</b>	≤0.5%		0.0011
<b>Residue on ignition</b>	≤0.1%		0.0003
<b>Assay(HPLC)</b>	97.0% to 103.0%		0.994
<b>Chromatographic purity by HPLC</b>	Any impurity ≤1.0%		0.15%
	Total impurities ≤2.0%		0.63%
<b>Residual Solvents (GC)</b>	Dichloromethane. ≤600ppm		Complies
	Ethyl acetate. ≤5000ppm		Complies
	Methanol. ≤3000ppm		Complies
	Tetrahydrofuran. ≤720ppm		Complies
	Pyridine. ≤200ppm		Complies
<b>Packaging and storage</b>	Preserve in tight, light-resistant containers.		
<b>Conclusion</b>	The product comply with the requirements of USP40.		

Inspector: Carlifor Wu

Verifier: Jack He

