

No.: BPAP-620-A-00/3.0

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Tetracaine HCL	<b>CAS No.</b>	136-47-0
<b>Batch No.</b>	P011162019A	<b>Mfg. Date</b>	Nov. 09, 2019
<b>Quantity</b>	500kg	<b>Retest Date</b>	Nov. 08, 2021
<b>Packing</b>	25kg/Drum	<b>Report Date</b>	Nov. 14, 2019
<b>Specification</b>	USP40		

ITEM	SPECIFICATION	RESULT
<b>Appearance</b>	White crystalline power	White crystalline power
<b>Solubility</b>	Easily soluble in water, soluble in ethanol, insoluble in ether and benzene.	Complies
<b>Identification</b>	A. By IR, should be corresponds to the standard solution.	Complies
	B. Should identify significant chloride reaction	Complies
	C. The retention time of the major peak of the sample solution corresponds to that of the Standard solution, as obtained in the Assay.	Complies
<b>Water</b>	≤2.0%	0.09%
<b>Residue on Ignition</b>	≤0.1%	0.08%
<b>Related Substances</b>	Complies	Complies
<b>Heavy Metals</b>	≤10ppm	≤10ppm
<b>Residual Solvents</b>		
-Ethanol	≤5000ppm	400ppm
-Acetone	≤5000ppm	Not Detected
-Toluene	≤890ppm	Not Detected
<b>Assay</b> (on Anhydrous basis)	98.0~101.0%	99.99%
<b>Conclusion</b>	Comply with the specification.	
<b>Storage</b>	Preserve in tight containers, protected from strong light and high heat.	

Analyst:

Reviewed by:

Approved by: