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CERTIFICATE OF ANALYSIS

Product name	Tetracaine	Batch No.	20150314
Mfg.Date	2015-03-14	Exp. Date	2017-02
Report Date	2014-03-24	Quantity	1000kg

Inspection Items	Accepted Standard	Results
Appearance	White or light yellow, waxy solid	White or light yellow, waxy solid
Solubility	Matching with the working standard	Complies
Identification	A. Dissolve 100 mg in 10 mL of dilute hydrochloric acid(1 in 120),and add 1 mL of potassium thiocyanate solution (1 in 4): a crystalline precipitate is formed. Recrystallize the precipitate from water, and dry at 80 for 2 hours: it melts between 130 and 132 .	Complies
	B: By UV, To match with working standard	
Chromatographic purity	Conform to standard	Complies
Loss on drying	<0.5%	0.06%
Residue on ignition	≤0.1%	0.03%
Melting range	41℃ ~46℃	41.4℃~44℃
Residual solvents	Ethanol ≤0.5% Ethylether≤0.5%	0.0029% 0.022%
Assay(*)	98~101.0% (*) On anhydrous basis.	99.71%
PARTICLE SIZE	100%≤425um	Complies
Assay(*)	98~101.0% ((*) On anhydrous basis.	99.56%
Conclusion : THE RESULTS CONFORM TO USP34.		

Analyst :lichao
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Checker: shilijuan

Supervisor