

**HANGZHOU SARTORT BIOPHARMA CO., LTD****CERTIFICATE OF ANALYSIS**

Product Name: Denatonium Benzoate		
Molecular Formula: C ₂₈ H ₃₄ N ₂ O ₃	CAS No.: 3734-33-6	
Molecular Weight: 446.58	Quantity: 1173kgs	
Batch No.: ST-20200320	Manufacturing date: 2020.03.20	
Item	Specification	Results
Appearance	White powder	Conform
Identification		
A.IR Concordant with Reference	Conform	Conform
B.UV Concordant with Reference	Conform	Conform
C.Test solution forms yellow precipitate	Conform	Conform
D.Denatonium Reineckate Meting Point	Approx 170°C	Conform
Melting range	163°C~170°C	164.0°C~164.8°C
PH	6.5-7.5	7.18
Loss on drying	≤1.0%	0.1%
Residue on ignition	≤0.1%	0.06%
Chloride	≤0.2%	0.1%
Assay	99.5~101.0%	100.0%
Conclusion	The batch is in compliance with respect to USP35 Standard.	

QC:



QA: