



Y&R

Chemistry for Colorful Life

天津誉瑞特品科技有限公司

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Certificate of Analysis

Product Name	Polyquaternium-1	Standard	In House
Batch Number	P1D18012405	Batch Size	1000g
Packing Size	/	Production Date	Jan.24,2018
Test Date	Jan.26,2018	Retest Date	Jan.23,2020

Items	Standard	Results
Appearance	Light yellow to Agate crystal powder	Conform
Odor	Without Stimulation	Conform
Water solubility	100% Soluble	Conform
Free Amin	≤2.0%	1.5%
Residue on Ignition	≤0.2%	<0.2%
Heavy Metals	≤20 ppm	<20 ppm
pH	6~9	6.90
Chloride	≤25%	Conform
Solid Content	≥95%	Conform
Assay	95~100%	Conform
Total Aerobic Bacteria	≤100 cfu/g	Conform
Fungi/Yeast	≤10 cfu/g	Conform
Enterobacteria in 1g	Negative	Negative
Pseudomonas Aeruginosa in 1g	Negative	Negative
Staphylococcus Aureus in 1g	Negative	Negative

Storage Conditions:Closed seal,temperature not more than 32℃

Analyzed by:01

Re-checked by:

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