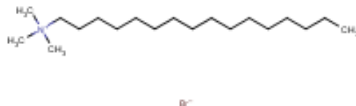




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## CERTIFICATE OF ANALYSIS

NO: DYC051508141

Product name	Cetrimide
CAS Number	8044-71-1
Molecule Structure	
Molecule Formula	C <sub>19</sub> H <sub>42</sub> N BrH
Batch number	20140301
Manuf. Date; Expiry Date:	2014-03-01; 2016-03-02
Testing Date:	2014-03-02

Items	Standard	Result
Appearance	A white or almost white, voluminous, free-flowing powder	Complies
Solubility	Freely soluble in water and in alcohol	Complies
Assay % (on dried basis) (calculated as C <sub>17</sub> H <sub>38</sub> BrN, Mw=336.4)	96.0-101.0%	99.21%
Identification A: UV260, 1% in Alcohol UV280, 1% in Alcohol B: Color test C: Solution S froths copiously when shaken D: TLC E: Bromides reactions	0.05max 0.05max Complies Complies Complies Complies	0.021 0.015 Complies Complies Complies Complies
Appearance of solution (2%)	Clear and colourless	Complies
Acidity and alkalinity	Acidity and alkalinity	Complies
Amines and amine salts	2.0ml max	Complies
Loss on Drying%	2.0max	0.21
Sulfated Ash%	0.5 max	0.10
Conclusion	Complies with BP2000	

QUALITY CONTROL:   
Quality Control

CHECK: 姚仙娟

INSPECTOR: 刘清风