

CERTIFICATE OF ANALYSIS

Product information

Product Name	Cetrimide
Cat. No.	C01684
CAS No:	8044-71-1
Formula	C ₁₇ H ₃₈ BrN
Lot No	R50181001
Size	100g
Storage condition	RT

Quality Control

Test Items	Specifications	Results
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 ₁₇ H ₃₈ BrN, MW=336.4)	96.0-101.0	99.4
Identification		
A:UV260, 1% in Alcohol	0.05max	0.020
UV280, 1% in Alcohol	0.05max	0.014
B: Color test	Complies	Complies
C: Solution S froths copiously when shaken	Complies	Complies
D:TLC	Complies	Complies
E: Bromides reactions	Complies	Complies
Appearance of solution (2%)	Clear and colorless	Complies
Acidity and alkalinity	0.1ml of 0.1M Hydrochloride acid or 0.1M sodium hydroxide is required	Complies
Amines and amine salts	2.0 ml max	Complies
Loss on Drying%	2.0 max	0.21
Sulfated Ash%	0.5 max	0.10

Caution:

For laboratory or further manufacturing use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: 
Quality Assurance Manager Date: 01/13/2010