



CERTIFICATE OF ANALYSIS

PRODUCT NAME: BTMS 225
LOT NUMBER: 12835
INCI DESIGNATION: Behentrimonium Methosulfate (and) Cetearyl Alcohol

PRODUCT CODE: 21004-020
MANUFACTURING SITE: KOREA
MANUFACTURING DATE: 01/23/2018
EXPIRATION DATE: 01/23/2020
CUSTOMER P.O. NUMBER: 184674
CUSTOMER CODE: BS870948-20KG

Product Test	Method	Specification	Laboratory Values	Final Result
Appearance	Visual	White Flakes or Pellets	PASS	PASS
Color (APHA)	024.00	100 MAX	17	PASS
Activity of BTMS 225 (%)	055.00	24-26	24.3	PASS
Acid Value (mg KOH/1g sample)	007.01	3.0 MAX	0.69	PASS
Free Amine (%)	NONE	0.3 MAX	0.02	PASS
pH (2% solution in IPA/H2O)	017.00	5-7	6.60	PASS

Signed By: Ramil Borja **Date:** 02/21/2018

ALL PRODUCT CHARACTERISTIC TEST METHODS CONFORM TO USP/NF UNLESS NOTED WITH ASTERISK (*).

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