

Gracefruit Limited
 146 Glasgow Road
 Longcroft, Stirlingshire
 FK41QL

Date: 07.09.2016
Page: 1 of 2

Product Name: Emulsifying Wax NF MBAL-PA-(RB)
Batch Code: 0001134420
Chemical Name: Cetearyl Alcohol and Polysorbate 60
Specification: CREATED 02-JUL-2015

Period of validity of Certificate of Analysis for material stored in unopened containers and stored in cool dry conditions (unless otherwise specified): 365 days.

Analy. Test Method No.	Characteristic	Specification Limits		Units
		Lower	Upper	
	REVISION NUMBER	0.0		
	MATERIAL CONFORMS TO MONOGRAPH NAME	USP/NF		
	EMULSIFYING WAX			
G30001	APPEARANCE(COLOUR)	WHITE TO PALE YELLOW		
G30001	APPEARANCE(FORM)	SOLID		
G01101	ACID VALUE	0.0	1.0	mg KOH/g
G01701	COLOUR GARDNER	0	1	Gardner
G01201	HYDROXYL VALUE	178	192	mg KOH/g
G01503	IODINE VALUE (HANUS)	0.0	3.5	gI2/100g
G03001	MELTING RANGE	50	54	°C
G04402	PH (3% DISPERSION)	5.5	7.0	
G01403	SAPONIFICATION VALUE	0	14	mg KOH/g
G13300	RESIDUAL ETHYLENE OXIDE	1 PPM MAX		
G13300	RESIDUAL DIOXANE	5 PPM MAX		
	RSPO CERTIFICATION NUMBER	BMT-RSPO-000157		

This Product has been manufactured and tested to GMP in accordance with EXCiPACT

