

# Certificate of Analysis

## GRACEFRUIT LTD

**Date:** 22/03/2017  
**Batch Number:** E16080279  
**Product Name:** Cetearyl Alcohol

209 Glasgow Road  
Longcroft  
Bonnybridge  
FK4 1QQ  
UNITED KINGDOM

Analysis Parameters	Type	Limit 1	Limit 2	Result
Hydroxyl Value (mgKOH/g)	R	204	220	214.0
Saponification Value (mgKOH/g)	<	3.0		0.13
Acid Value (mgKOH/g)	<	1.0		0.024
C12-C14 Alcohols (%)	<	5.0		0.0
C16 Alcohols (%)	>	23		32.32
C18 Alcohols (%)	>	60		66.65
Date of Manufacture	D			22/08/16
Date of Expiry	D			22/08/18

**We confirm that this material conforms to the agreed specification. This certificate is computer generated and therefore does not require a signature.**

### Key

>: Greater than or equal to  
<: Less than or equal to  
=: Equals  
R: Range  
D: Date  
T: Text