

Certificate of Analysis

GRACEFRUIT LTD

Date: 23/10/2017

209 Glasgow Road

Product Code: CS.04.K

Longcroft

Bonnybridge

FK4 1QQ

UNITED KINGDOM

Batch Number: K011650

Product Name: Cetearyl Alcohol

Quantity: 2 BAG

Picking List No: 031740

| Analysis Parameters | Type | Limit 1 | Limit 2 | Result |
|--------------------------------|------|---------|---------|----------|
| Hydroxyl Value (mgKOH/g) | R | 204 | 220 | 213.5 |
| Saponification Value (mgKOH/g) | < | 3.0 | | 0.3 |
| Acid Value (mgKOH/g) | < | 1.0 | | 0.003 |
| Water Content (%) | < | 0.2 | | 0.06 |
| C12-C14 Alcohols (%) | < | 5.0 | | 0.67 |
| C16 Alcohols (%) | > | 23 | | 27.56 |
| C18 Alcohols (%) | > | 60 | | 70.12 |
| Date of manufacture | D | | | 01/09/17 |
| Recommended retest date | D | | | 01/09/19 |

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