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Company Number: SC374368

CERTIFICATE OF ANALYSIS

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Product - Cetearyl Alcohol

Batch No - K36967

| Analysis Parameters | O | Limit 1 | Limit 2 | Result |
|--|-----|---------|---------|----------|
| ===== | = | ===== | ===== | ===== |
| Hydroxyl Value (mgKOH/g) | : R | 204 | 220 | 214 |
| Saponification Value (mgKOH/g) | : < | 3.0 | | 0.4 |
| Acid Value (mgKOH/g) | : < | 1.0 | | 0.0 |
| Water Content (%) | : < | 0.1 | | 0.06 |
| C12-C14 Alcohols (%) | : < | 5.0 | | 0.8 |
| C16 Alcohols (%) | : > | 23 | | 28 |
| C18 Alcohols (%) | : > | 60 | | 70 |
| Date of manufacture | : D | | | 28/07/15 |
| Recommended retest date | : D | | | 28/07/17 |

Full Batch Number: M36967

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 =, <:Less than or =, R:Range, D:Date of Manufacture