

**Product:** Cetearyl Alcohol

**Lot/Batch Number:** CTRL220303

**Retest Date:** N/A

**Manufacture Date:** September, 2020

**Commercial Expiry:** September, 2023

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance @ 25°C	White Pastilles / Flakes	White Pastilles
Colour APHA	10 MAX	4
Acid Value mg of KOH/gm	0.1 MAX	0.018
Saponification Value mg of KOH/gm	0.5 MAX	0.18
Iodine Value gms of I <sub>2</sub> /100gms	0.3 MAX	0.20
Hydroxyl Value mg of KOH/gm	210 – 220	213.6
Moisture % by wt	0.2 MAX	0.098
Solidification Range °C	50 – 54	52.2
<b>Carbon Chain Distribution % by GLC</b>		
C12 alcohol	0.5 MAX	0.02
C14 alcohol	1.5 MAX	0.03
C16 alcohol	29 – 33	31.45
C18 alcohol	65 MIN	67.45
C20 alcohol	1.0 MAX	0.41

**Disclaimer & Caution**

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## Certificate of Analysis

Date: 23 June, 2022

C22 alcohol	1.0 MAX	0.00
Hydrocarbons	0.5 MAX	0.18

**Storage and Handling:** Shelf life is dependent on exposure to light/air and general good conditions. Products stored in adverse conditions will deteriorate faster. Products stored in ideal conditions away from light and moisture may last substantially longer. Retest date reflects absolute minimum period of time that product should remain in good useable condition.

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