

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Cetearyl Alcohol		
<b>CAS NO</b>	67762-27-0		
<b>Batch Number</b>	20250110	<b>Manufacture Date</b>	20250110
<b>Report Date</b>	20250110	<b>Expiry Date</b>	20250110

Item of Analysis	Specification	Results
Appearance @ 25° C	White Flake, Pastille	Conforms
Odor	Mild, Characteristic	Conforms
Identification	To Match Standard	5.15
Iodine Value, cg 12/g	4.0 Maximum	2
Moisture % w/w	0.30 Maximum	0.04
Melting Point, ° C	48.0 – 55.0	50
Acid Value	2.0 Maximum	0.1
Hydroxyl Value, mg KOH/g	208.0 – 228.0	215
Residue on Ignition, %	0.1 Maximum	Conforms
Total Unspecified Impurities, %	1.0 Maximum	Conforms
Total Related Fatty Alcohols & Unspecified Purities, %	10.0 Maximum	Conforms
Saponification Value	2.0 Maximum	Conforms
GC Chain Length Distribution, %:		
C14 & Lower	0.0 – 3.0	0.08
C16	22.0 - 32.0	30.67
C18	66.0 - 76.0	68.3
C20 & Higher	0.0 – 1.0	0.07
C16 and C18, %	90.0 Minimum	

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

