



## Certificate of Analysis (Representative Sample Certificate)

**Product Name:** Cetearyl Alcohol 30/70 NF  
**INCI Name:** Cetearyl Alcohol  
**CAS Number:** 8005-44-5; 67762-27-0

Sr. No.	Analysis Parameters	Specification	Typical Results	Test ref. no.
1	Appearance (at 25°C)	White Solid	White Pastilles	Visual
2	Colour (APHA Units)	10 Max.	5	AOCS Ea-9-65
3	Acid Value, mg of KOH / gm	0.1 Max.	0.019	AOCS Te 2a-64
4	Saponification Value, mg of KOH / gm	0.5 Max.	0.19	AOCS TI -1a 64
5	Iodine Value, gms of I <sub>2</sub> / 100 gms	0.3 Max.	0.18	AOCS Tg 1-64
6	Hydroxyl Value, mg of KOH / gm	210-220	213.55	AOCS Cd 13-60
7	Moisture, % by wt.	0.2 Max.	0.099	AOCS Tb 2-64
8	Melting range (°C)	50-54	52.5-53.5	AOCS Cc-1-25
9	Carbon Chain Distribution (% by GLC)			STM:3.010
	C12 alcohol	0.5 Max.	0.0	
	C14 alcohol	1.5 Max.	0.08	
	C16 alcohol	29-33	31.03	
	C18 alcohol	65 Min.	67.26	
	C20 alcohol	1.0 Max.	0.60	
	C22 alcohol	1.0 Max.	0.11	
10	Hydrocarbons,% by GLC	0.5 Max.	0.17	

Remarks: Batch conforms to the specifications and is passed. Material also conforms to the USP42/NF37. Specifications including residual solvent as per <467> NF37.

The information in this analysis has been provided by our supplier and is accurate to the best of our knowledge. This information is for general research purposes only and is not a representation or warranty of any kind. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use. We assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use.