

## **C.A.P.B.**

### **SPECIFICATION OF COCO AMINO PROPYL BETAINE (C.A.P.B.)**

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Free Amines	:	0.5% Max.
Active matters solid%	:	27 - 29
pH	:	5.5 – 7
Packing	:	30 / 50

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**C.D.E.A**  
**SPECIFICATION OF**  
**COCO DIETHANOLAMIDE (C.D.E.A.)**

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Item	:	C.D.E.A.
Free Amines	:	18% Max.
Combine Amines	:	25% Max.
pH 10% Soln.	:	9 – 10.5
Sulphate ash	:	1.5 Max.
Moisture	:	1% Max.
Iron Contain	:	40 PPM Max.
FFA as Lauric	:	2.5% Max.
Acid Value of Fatty Acid	:	255 – 280.
Total Fatty Acid	:	51% Max.
Colour	:	Light Yellow.
Appearance	:	Clear.

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# COSMOSIL-30

## SPECIFICATION

Item	:	<b>COSMOSIL</b>
Melting Point	:	Min 64o C $\pm$ 2
% FFA as Lauric	:	0.5 Max
% Free Amine	:	1.0 Max
PH	:	9 to 10.5
Moisture	:	9 to 10.5
Sap Value	:	40.

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## **D-Panthenol**

### **SPECIFICATION OF D-PENTHANOL**

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Appearance	:	Clear liquid
Colour	:	Straw yellow to yellowish
Odour	:	Characteristic
Assay	:	35% $\pm$ 1%
pH as such	:	9 - 10
Aminopropanol	:	1.0% $\leq$
Sulphated ash	:	< 0.1%
Heavy metals	:	$\leq$ 10 ppm

**E.G.M.S.**  
**SPECIFICATION OF**  
**ETHYLENE GLYCOL MONO STEARATE**  
**(E.G.M.S.)**

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Item	:	Ethylene Glycol Mono Stearate.
Acid Value Max	:	4.
SAP Value	:	170-190.
Melting Point ° C	:	56-60.
Packing	:	20 / 25 Kgs.

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## IPM

### **SPECIFICATION OF Iso Propyl Myristate (I.P.M.)**

Appearance	:	Colourless, Clear liquid, Practically Odourless
Moisture	:	1.0% Max.
Acid Value	:	1.0 max.
Iodine Value	:	1.0 Max.
Residue on Ignition %	:	0.02 Max.
Heavy Metals (as pH) P.P.M..	:	20 Max.
Arsenic (as ), P.P.M.	:	2 Max.
Microbiology – TVC	:	300 Max. Cfu/g
-		M + Y: 10 Max. Cfu/g
Assay %	:	Min. 95.
Specific Gravity @25°C	:	0.847 – 0.853

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## IPP (ISO PROPYL PALMITATE)

### SPECIFICATION OF ISOPROPYL PALMITATE [I.P.P.]

Appearance	:	Colourless, Clear Liquid, Practically	:
		Odourless	
Moisture	:	1.0% Max.	
Acid Value	:	1.0 max.	
Iodine Value	:	1.0 Max.	
Residue on Ignition %	:	0.02 Max.	
Heavy Metals (as pH) P.P.M..	:	20 Max.	
Arsenic (as ), P.P.M.	:	2 Max.	
Microbiology – TVC	:	300 Max. CfU/g	
M + Y	:	10 Max. CfU/g	
Assay %	:	Min. 95.	
Specific Gravity @25°C	:	0.847 – 0.853	

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**S.L.E.S**  
**SPECIFICATION**  
**OF**  
**SODIUM LAURYL ETHER SULPHATE**  
**(S.L.E.S.)**

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Appearance	:	Clear Viscous liquid
Active matter	:	28% $\pm$ 2%
PH 5% Soln.	:	6 – 8.5%
Chloride as Nacl	:	Max 1.5%
Sulphate as Na <sub>2</sub> So <sub>4</sub>	:	Max 1.5%
Viscosity	:	Arround 1500 CPS
NDOM	:	Max 1%

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## S.L.S.

### SPECIFICATION of Sodium Lauryl Sulphate

**Product Name** : **S.L.S. Liquid**

<u>TEST</u>	<u>SPECIFICATION</u>
PH 10% SOLUTION	7.5 - 9.5
N.D.O.M., % BY MASS	1 MAX.
CHLORIDE % BY MASS AS NA <sub>2</sub> SO <sub>4</sub>	0.5 MAX.
SULPHATE % BY MASS, AS NA <sub>2</sub> SO <sub>4</sub>	1 MAX.
MICROBIAL COUNT (PLATE METHOD), TVC, CFU/ML	10 MAX.
CLOUD POINT DEG CENT	10 – 15
IRON CONTENT AS Fe, PPM	12 MAX.
VISCOSITY @ 30 ° C CPS	300
ACTIVE MATTER % BY MASS	27 – 29