

**Cocoa Butter Substitute (CBS)**

Specification	Test Method	Result
*Iodine Value (Wjis)	AOCS Cd 1b 87	0.45
*Saponification value	MPOBp3.1	248.0
*Slip melting point	AOCS Cc 3 25	34.2
*Unaponifiable matter	MPOB P2.7	0.18
*Rancimat Durability period at 110°C	AOCS Cd 12b 92	94.2
*Percentage of solid fat (SFC)	IUPAC 2.150 (a)	
20°		95.6 %
25°		89.6 %
35°		1.4 %
*Lovibond color (5.25"cell)	AOCS Cc 13e 92	P.2 RED/ 2.0 YELLOW
*Organoleptic prop of Odor	IN HOUSE	Neutral
*Free fatty acid as Lauric acid	AOCS Ca Sa 40	0.040
*Peroxide value	AOCS Cd Sb 90	<0.1
*Moisture content by airoven	AOCS Ca2c 25	0.020
*Impurities	AOCS Ca3a 46	Not detected
• Soap content	B.S.684:1958 & MSS17:1989	Not detected
*Solvent Residue	AOCS Ca 3b 87:2009	Not detected
*Benzene	GC Headspace	Not detected
*Iron (as Fe)	AAS	0.18
*Copper (as Cu)	AAS	Not detected
*Lead (as Pb)	AAS	Not detected
• Arsenic (as As)	AAS Hydride	Not detected
*Nickel (as Ni)	AAS	Not detected
*Mercury (as Hg)	AAS Hydride	Not detected
*Cadmium (Cd)	AAS	Not detected
*Tin as (Sn)	AAS	Not detected
*Glycerides	AOCS Ce If96	99.9%
*Monoglycerides	AOCS Cd 11b-91	0.1
*Diglycerides	AOCS Cd 11b-91	0.2
*Triglycerides	IN HOUSE, REF ISO 23275	99.7
Additives - Sorbitan tristearate emulsifier (ISTS)		1.7%
Additives -Antioxidant PG	-	Not added
Additives -Antioxidant TBHQ	-	Not added
Additives -Antioxidant BHA	-	Not added
Additives -Antioxidant BHT	-	Not added