

SPECIFICATION SHEET

Product	Palm Oil 3639
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Parameter	Standard	Result	Method
Color (Lovibond 5¼" cell, Red)	1.7 Max	1.5	AOCS Cc 13e-92
Iodine Value (WIJS), g I ₂ /100g	50 – 55	51.36	AOCS Cd 1b-87
Slip Melting Point (°C)	36 – 39	38.6	AOCS Cc 3-25
Peroxide Value (meq/kg)	1.0 Max	0.62	AOCS Cd 8b-90
Moisture & Volatile Matter (% wt)	0.1 Max	0.045	AOCS Ca 2c-25
Free Fatty Acid (% wt as Palmitic Acid)	0.1 Max	0.069	AOCS Ca 5a-40
Smell	Normal	Normal	Organoleptic
Appearance	Solid	Solid	Visual
Taste	Bland	Bland	Organoleptic
10	Sulfur (ppm)	ASTM D5453-19a	300 Max

Temperature	Standard (%)	Result (%)	Method
20°C	25 – 29	25.21	
25°C	12 – 18	16.25	
30°C	8 – 11	10.41	IUPAC 2.150a
35°C	4 – 7	6.31	
40°C	5 Max	2.71	

BIO GREENWARE

Parameter	Standard	Result	Method
Total Plate Count (cfu/g)	$\leq 10^5$	30	FDA - BAM Chapter 3
Coliform (MPN)	≤ 10	< 3	FDA - BAM Chapter 4
Escherichia coli (MPN)	< 3	< 3	FDA - BAM Chapter 4
Salmonella (per 25g)	Negative	Negative	FDA - BAM Chapter 5
Staphylococcus aureus (cfu/g)	$\leq 10^2$	0	FDA - BAM Chapter 12
Enterobacteriaceae (cfu/g)	$\leq 10^2$	0	ISO 21528-2:2008

Parameter	Standard (ppm)	Result (ppm)	Method
Arsenic (As)	0.1 Max	< 0.013	MU/MAKMIN/13 (SSA)
Iron (Fe)	1.5 Max	< 0.017	AOAC 999.11
Copper (Cu)	0.1 Max	< 0.008	AOAC 999.11
Nickel (Ni)	0.1 Max	< 0.020	AOAC 999.11
Lead (Pb)	0.1 Max	0.024	AOAC 999.11
Mercury (Hg)	0.05 Max	< 0.005	MU/MAKMIN/12 (SSA)
Cadmium (Cd)	0.1 Max	0.003	AOAC 999.11