

CERTIFICATE OF ANALYSIS

VESSEL NAME : MSC RINI III V.HJ322R
 QUANTITY OF CONTAINER : (9 x 20 FCL) 10,260 CARTONS
 NET WEIGHT : 205,200.00 KGS
 GROSS WEIGHT : 212,792.40 KGS
 PRODUCT : 10,260.00 CARTONS PALMVITA PALM FAT 36-39 LGE 20 KG

CONSIGNEE : MOLDOVIS SRL
 PRISECII STREET 60
 TARGOVISTE DAMBOVITA ROMANIA

PORT OF LOADING : SURABAYA, INDONESIA
 PORT OF DISCHARGE : CONSTANTA, ROMANIA

Result of Analysis :

Container number	METHODS	SPEC	MSMU 1835783	MSDU 1648050	MSMU 2355080	
Seal Number			FJ 15921907	FJ 15921908	FJ 15922072	
Production code			SBY 23141	SBY 23141	SBY 23141	SBY 23142
Batch			BF09, BG09, BG10, BF10, CF10, CG10, CG11, CF11, CF12, CG12	CG12, CG13, CF13, CF14, CG14, CG15, CF15, CF16	CG19	AF01, AG01, AG02, AF02, AF03, AG03, AG04, AF04, AF05
Production date			21 MAY 2023	21 MAY 2023	21 MAY 2023	22 MAY 2023
Expired date			18 NOV 2024	18 NOV 2024	18 NOV 2024	19 NOV 2024
Shelf Life			18 months	18 months	18 months	18 months
Quantity (Ctn)			1140	1140	100	1040
PHYSICOCHEMICAL ANALYSIS						
Parameter						
Iodine Value (g I ₂ /100 g)	AOCS Cd 1b - 87	52.0 min	52.41	52.41	52.41	52.25
Slip Melting Point (°C)	AOCS Cc 3 - 25	36 - 39	37.2	37.2	37.2	36.8
Free Fatty Acid (% as palmitic)	AOCS Ca 5a - 40	0.1 max	0.038	0.041	0.044	0.045
Peroxide value when packed (meq O ₂ /kg)	AOCS Cd 8b - 90	2.0 max	0.387	0.334	0.281	0.261
Color (Red)	AOCS Cc 13e - 92	2.5 max	1.0	1.1	1.1	1.1
Moisture & Volatile Matter (%)	AOCS Ca 2b - 38	0.1 max	0.028	0.026	0.023	0.024
3-MCPD, bound in esters (mg/kg)	AOCS Cd 29a - 13	2.5 max	0.63	0.63	0.62	0.65
Glycidol, bound in esters (mg/kg)	AOCS Cd 29a - 13	1.0 max	0.44	0.45	0.46	0.47

Container number	METHODS	SPEC	MSMU 1056443	TGHU 0947898	MSDU 1177032
Seal Number			FJ 15922071	FJ 15922073	FJ 15922074
Production code			SBY 23141	SBY 23142	SBY 23142
Batch			CF16, CG16, CG17, CF17, CF18, CG18, CG19, CF19	AF04, AG04, AG05, AF05, AF06, AG06, AG07, AF07	AG07, AG08, AF08, AF09, AG09, AG10, AF10, BF11
Production date			21 MAY 2023	22 MAY 2023	22 MAY 2023
Expired date			18 NOV 2024	19 NOV 2024	19 NOV 2024
Shelf Life			18 months	18 months	18 months
Quantity (Ctn)			1140	1140	1140
PHYSICOCHEMICAL ANALYSIS					
Parameter					
Iodine Value (g I ₂ /100 g)	AOCS Cd 1b - 87	52.0 min	52.41	52.09	52.02
Slip Melting Point (°C)	AOCS Cc 3 - 25	36 - 39	37.2	36.4	36.7
Free Fatty Acid (% as palmitic)	AOCS Ca 5a - 40	0.1 max	0.041	0.045	0.043
Peroxide value when packed (meq O ₂ /kg)	AOCS Cd 8b - 90	2.0 max	0.334	0.241	0.249
Color (Red)	AOCS Cc 13e - 92	2.5 max	1.1	1.1	1.1
Moisture & Volatile Matter (%)	AOCS Ca 2b - 38	0.1 max	0.026	0.025	0.027
3-MCPD, bound in esters (mg/kg)	AOCS Cd 29a - 13	2.5 max	0.62	0.68	0.67
Glycidol, bound in esters (mg/kg)	AOCS Cd 29a - 13	1.0 max	0.46	0.49	0.49

Surabaya, 07.06.2023

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Container number	METHODS	SPEC	MEDU 5656627	CAIU 6519891	MSMU 1286019		
Seal Number			FJ 15922075	FJ 15922076	FJ 15922077		
Production code			SBY 23142	SBY 23142	SBY 23142		
Batch			BF11, BG11, BG12, BF12, BF13, BG13, BG14, BF14	BG14, BG15, BF15, BF16, BG16, BG17, BF17, BF18, CF21	BG18, BG19, BF19, BF20, BG20, CG21, CF21		
Production date			22 MAY 2023	22 MAY 2023	22 MAY 2023		
Expired date			19 NOV 2024	19 NOV 2024	19 NOV 2024		
Shelf Life			18 months	18 months	18 months		
Quantity (Ctn)			1140	1140	1140		
PHYSICOCHEMICAL ANALYSIS							
Parameter							
Iodine Value (g I ₂ /100 g)	AOCS Cd 1b - 87	52.0 min	52	52.01	52.07		
Slip Melting Point (°C)	AOCS Cc 3 - 25	36 - 39	37.0	37.5	38.0		
Free Fatty Acid (% as palmitic)	AOCS Ca 5a - 40	0.1 max	0.041	0.043	0.045		
Peroxide value when packed (meq O ₂ /kg)	AOCS Cd 8b - 90	2.0 max	0.257	0.246	0.234		
Color (Red)	AOCS Cc 13e - 92	2.5 max	1.1	1.1	1.1		
Moisture & Volatile Matter (%)	AOCS Ca 2b - 38	0.1 max	0.029	0.027	0.025		
3-MCPD, bound in esters (mg/kg)	AOCS Cd 29a - 13	2.5 max	0.67	0.67	0.66		
Glycidol, bound in esters (mg/kg)	AOCS Cd 29a - 13	1.0 max	0.49	0.48	0.46		