



CHEM GEO-CHEM GEO-CHEM GEO-CHEM GEO-CHEM GEO-CHEM GEO-CHEM GEO-CHEM



"Scan to Authenticate"

GDM-CRT-25-26-03195

JOB REF NO: GDM-JB2526-001670

DATE: 03RD JUNE 2025

CERTIFICATE OF WEIGHT AND QUALITY

SHIPPER : AWL AGRI BUSINESS LIMITED
FORTUNE HOUSE,
NEAR NAVRANGPURA RAILWAY CROSSING,
NAVRANGPURA, AHMEDABAD, GUJARAT, 380009 INDIA

CONSIGNEE : LIBA CHEM SRL
VIA B. BUOZZI, 2
20049 CALEPPIO DI SETTALA (MI),
ITALY

NOTIFY PARTY : LIBA CHEM SRL
VIA B. BUOZZI, 2
20049 CALEPPIO DI SETTALA (MI),
ITALY

GOODS DESCRIBED AS : 1) PHARMA GRADE CASTOR OIL VIRGIN
2) PHARMA GRADE CASTOR OIL VIRGIN
3) PHARMA GRADE CASTOR OIL REFINED

PACKING : 1) IN 60X200 KG DRUMS ON PALLETISED & STRETCHWRAPPED
(TOTAL 60 DRUMS ON 15 PALLETS)
2) IN 10 X 950 KG IBC IN CONTAINERISED (TOTAL 10 IBCS)
3) IN 21X200 KG DRUMS ON PALLETISED & STRETCHWRAPPED
(TOTAL 20 DRUMS ON 05 PALLETS + 01 DRUM LOOSE)

QUANTITY : 91 PACKAGES = 27.933 MTS GROSS WEIGHT & 25.700 MTS NET WEIGHT.

LOAD PORT : MUNDRA, INDIA

DISCHARGE PORT : GENOVA, ITALY

PORT OF DELIVERY : GENOVA, ITALY

BILL OF LADING NO : COSU6418428300

VESSEL : CMA CGM NINGBO/0MXMDW1MA

DATE OF ATTENDANCE : 18.05.2025

PLACE OF ATTENDANCE : AT SHIPPERS FACTORY MUNDRA

PO NO : 90

ISSUED WITHOUT PREJUDICE

FOR GEO-CHEM LABORATORIES PRIVATE LIMITED



(AUTHORISED SIGNATORY)

1/5

This inspection and/or sampling has been performed to the best of our ability and our responsibility is limited to proven negligence. This certificate, which is issued on general terms and conditions stipulated at <http://geochem.net.in/tac.html>, reflects our findings at the time and place of inspection and/or sampling and does not relieve parties from their contractual obligations. Samples will be retained by us for a period of minimum thirty days only, unless specific instructions to the contrary are received.

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REGD. OFFICE: GEO-CHEM LABORATORIES PRIVATE LIMITED, Geo-Chem House, 294, Shahid Bhagat Singh, Fort, Mumbai-400001. India.

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CIN: U74220MH1964PTC013022 www.geochem.net.in





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DATE: 03RD JUNE 2025

SAP TC NO : 4500016803

Sampling:

WE CERTIFY THAT IN PURSUANCE OF AN ORDER RECEIVED FROM ADANI WILMAR LIMITED AHMEDABAD. WE CARRIED OUT INSPECTION OF THE ABOVE MENTIONED CONSIGNMENT, FOR THE ASCERTAINMENT OF WEIGHT & QUALITY.

OUR SURVEYOR DREW SAMPLES FROM 10% OF THE IBC & DRUMS OFFERED BY THE SHIPPER AT THE LOADING PLACE AND THESE SAMPLES WERE MIXED AND MADE INTO FIVE COMPOSITE SAMPLES, LABELED AND SEALED WITH OUR MONOGRAM SEAL NUMBER GC-GEOCHEM-KDL-800.

Analysis:

ONE OF THE SAID COMPOSITE SAMPLES WAS TESTED AT OUR LAB FOR THE REQUESTED PARAMETERS OF THE SHIPPER AND WE ANALYZED THEM AND THE FOLLOWING IS THE RESULT:-

PRODUCT: PHARMA GRADE CASTOR OIL VIRGIN :-

SR NO	PARAMETERS	TEST METHOD	SPECIFICATION	UNITS	RESULTS
1	COLOUR GARDNER	AOCS Td 1a-64-(RA-2017)	2.00 Max	-	1G
2	ACID VALUE	AOCS Cd 3d-63-(RA-2017)	1.50 Max	mgKOH/gm	0.50
3	FREE FATTY ACID	AOCS Ca 5a-40 -(RA-2017)	0.75 Max	%	0.25
4	PEROXIDE VALUE	AOCS Cd 8b-90-(RA-2017)	3.0 Max	meq/1000gm	1.19
5	RELATIVE DENSITY AT 20 DC	AOCS Cc 10c-95-(RA-2017)	0.952 - 0.965	-	0.9604
6	REFRACTIVE INDEX AT 20 DC	AOCS Cc 7-25-(RA-2017)	1.477 - 1.481	-	1.4787
7	IODINE VALUE	AOCS Cd 1d-92-(RA-2017)	82 - 90	gI2/100gm	84.78
8	HYDROXYL VALUE	BY GC	160 Min	mgKOH/g	165.52
9	SAPONIFICATION VALUE	AOCS Cd 3-25-(RA-2017)	176 - 187	mgKOH/gm	180.19
10	OPTICAL ROTATION	BP:2000	+3.5 to +6.0	-	+4.0

IN 200 KGS MS DRUMS PHARMA-V
BATCH NO:MCCP1N0554

FOR GEO-CHEM LABORATORIES PRIVATE LIMITED



(AUTHORISED SIGNATORY)

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11	SPECIFIC ABSORBANCE	BP:2000	0.7 Max	-	268nm=0.262 269nm=0.266 270nm=0.266
12	WATER % (BY KF)	AOCS Ca 2e-84-(RA-2017)	0.25 pct Max	%	0.14
13	UNSAPONIFIABLE MATTER	AOCS Ca 6a-40-(RA-2017)	0.8 pct Max	%	0.34
14	Fatty Acid Composition By GC (Oils)				
(i)	Palmitic Acid (C16:0)	ISO-12996-4/12966-2	2.0 Max	% By Area	1.13
(ii)	Stearic Acid (C18:0)		2.5 Max		1.32
(iii)	Oleic Acid (C18:1)		2.5 - 6		3.55
(iv)	Ricinoleic Acid		85 - 92		88.04
(v)	Linoleic Acid (C18:2)		2.5 - 7		4.56
(vi)	Linolenic Acid(C18:3)		1.0 Max		0.46
(vii)	Eicosenic Acid (C20:1)		1.0 Max		0.28
(viii)	Other		1.0 Max		0.66

PRODUCT: PHARMA GRADE CASTOR OIL REFINED :-

SR NO	PARAMETERS	TEST METHOD	SPECIFICATION	UNITS	RESULTS LAB NO.02413
1	COLOUR GARDNER	AOCS Td 1a-64-(RA-2017)	2.00 Max	-	1-G
2	ACID VALUE	AOCS Cd 3d-63-(RA-2017)	0.8 Max	mgKOH/gm	0.50
3	PEROXIDE VALUE	AOCS Cd 8b-90-(RA-2017)	3.0 Max	meq/1000gm	0.97
4	RELATIVE DENSITY AT 20 DC	AOCS Cc 10c-95-(RA-2017)	0.952 - 0.965	-	0.9602
5	REFRACTIVE INDEX AT 20 DC	AOCS Cc 7-25-(RA-2017)	1.477 - 1.481	-	1.4786
6	IODINE VALUE	AOCS Cd 1d-92-(RA-2017)	82 - 90	gI2/100gm	84.68
7	HYDROXYL VALUE	BY GC	160 Min	mgKOH/g	165.68
8	SAPONIFICATION VALUE	AOCS Cd 3-25-(RA-2017)	176 - 187	mgKOH/gm	180.30
9	OPTICAL ROTATION	BP:2000	+3.5 to +6.0	-	+3.8

ISSUED WITHOUT PREJUDICE**FOR GEO-CHEM LABORATORIES PRIVATE LIMITED****(AUTHORISED SIGNATORY)**

3/5

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10	SPECIFIC ABSORBANCE	BP:2000	0.7 - 1.5	-	268nm=0.884 269nm=0.902 270nm=0.894
11	WATER % (BY KF)	AOCS Ca 2e-84-(RA-2017)	0.25 pct Max	%	0.10
12	UNSATURIFIABLE MATTER	AOCS Ca 6a-40-(RA-2017)	0.8 pct Max	%	0.34
13	Fatty Acid Composition By GC (Oils)				
(i)	Palmitic Acid (C16:0)	ISO-12996-4/12966-2	2.0 Max	% By Area	1.09
(ii)	Stearic Acid (C18:0)		2.5 Max		1.34
(iii)	Oleic Acid (C18:1)		2.5 - 6		3.59
(iv)	Ricinoleic Acid		85 - 92		88.13
(v)	Linoleic Acid (C18:2)		2.5 - 7		4.58
(vi)	Linolenic Acid(C18:3)		1.0 Max		0.40
(vii)	Eicosenic Acid (C20:1)		1.0 Max		0.32
(viii)	Other		1.0 Max		0.55

Weighment:

THE FOLLOWING WEIGHTS ARE DECLARED BY SHIPPER ACCORDING TO THERE WEIGHING MACHINE:-

GROSS WEIGHT OF 91 PACKAGES	:	27.933 MTS GROSS WEIGHT
LESS: TARE WEIGHT OF 91 PACKAGES	:	02.233 MTS TARE WEIGHT (AS DECLARED)
NET WEIGHT OF 91 PACKAGES	:	25.700 MTS NETT WEIGHT

Stuffing :

THE ABOVE CONSIGNMENT WAS STUFFED IN THE FOLLOWING CONTAINER. PRIOR TO STUFFING CONTAINER WAS VISUALLY CHECKED AND FOUND CLEAN TO RECEIVE THE CARGO. WE HAVE EXAMINED THE GOODS LOADED IN THE CONTAINER AND CERTIFY THEM TO BE IN ACCORDANCE WITH CONTRACTED QUANTITY.

CONTAINER NO.	PRODUCT	NO. OF DRUMS	NO. OF IBCS	QUANTITY (NET WT. IN MTS)	GEO-CHEM SEAL NO.	LINE SEAL NO.
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TIHU 4985070	PH. VIRGIN	60	-	12.000	372667	28349236
	PH. VIRGIN	-	10	9.500		
	PH. REFINED	21	-	4.200		
TOTAL: 01 X 20' FCL		81 DRUMS	10 IBCS	25.700		

THE RECORD SAMPLES WILL BE RETAINED BY US FOR A PERIOD OF THREE MONTHS UNTIL AND UNLESS DEFINITE INSTRUCTIONS TO THE CONTRARY ARE RECEIVED IN THE MEANTIME. REPRESENTATIVE SAMPLES WERE DRAWN FROM THE SHORE TANK FROM THE SAMPLING POINT FITTED ABOVE THE STORAGE TANK. THE SAMPLES APPEARED TO BE VISIBLY CLEAR AND FREE FROM SUSPENDED PARTICLES. FIVE SAMPLES WERE SEALED. THE BOTTOM OUTLET OF THE TANK WAS CONNECTED BY CLEAN HOSES TO THE IBCS FOR SUBSEQUENT LOADING / FILLING. THE IBCS WERE CAREFULLY FILLED UNDER OUR SUPERVISION.

AFTER COMPLETION OF THE FILLING / LOADING OF THE IBC, THE VALVES WERE SHUT TIGHT. THE CONTAINER DOORS CLOSED AND SEALS WERE PLACED. THE SHORE TANK WAS A MILD STEEL TANK. POSSIBILITY OF PARTICLES ENTERING THE CLOSED LOADING SYSTEM CANNOT BE OVER RULED. DUE TO INHERENT NATURE OF THE PRODUCT & OR TRANSIT EFFECT, NO RESPONSIBILITY CAN BE ASSUMED FOR ANY QUALITATIVE DEVIATION INCLUDING SWEATING OF THE PRODUCT.

ALTHOUGH THE INSPECTION WAS CARRIED OUT THOROUGHLY AND WITH DUE DILIGENCE, THE REPORTED FINDINGS ARE LIMITED TO THE VISUAL EXAMINATION OF THE SAFELY AND READILY ACCESSIBLE PORTIONS OF THE CONSIGNMENT ONLY. CARGO INSPECTED AT FACTORY AND STUFFED IN OUR PRESENCE. DUE TO PREVALENT TAMPERING OF CARGO DURING TRANSIT FROM PLANT TO PORT, WE TAKE NO RESPONSIBILITY.

THIS CERTIFICATE RELATES TO THE WHOLE CONSIGNMENT AS DETAILED WITHIN OUR INSPECTION REPORT. THE RESULTS ARE NOT VALID FOR THE CONTENT OF THE CONSIGNMENT IF IT IS REPACKAGED OR SUBDIVIDED IN ANY WAY. FURTHER, AN INTACT SEAL IS NO GUARANTEE THAT THE MATERIAL HAS NOT BEEN TAMPERED/INTERFERED WITH AFTER THE SEAL HAS BEEN APPLIED.

THIS CERTIFICATE REFLECTS OUR FINDINGS AT THE TIME, DATE AND PLACE OF INSPECTION ONLY AND DOES NOT REFER TO ANY OTHER MATTER.

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