



CERTIFICATE OF ANALYSIS



CASTOR GIRNAR INDUSTRIES PRIVATE LIMITED

ANALYSIS: CASTOR OIL FIRST SPECIAL GRADE

BATCH NO.: GI/EXP/2021/251

MFG DATE: NOV-2021

EXP DATE: OCT-2023

SR. NO	PARAMETERS	SPECIFICATION	TESTMETHOD	UNITS	RESULTS
1	COLOUR IN 5 1/4" CELL	20 YELLOW, 2 RED MAX	AOCS Cc 13e - 92 (RA-2017)	YELLOW RED	Y-16.0 R-1.6
2	FREE FATTY ACID	1.0 MAX	AOCS Ca 5a-40(RA-2017)	PERCENT	0.70
3	ACID VALUE	2.0 MAX	AOCS Cd 3d - 63 (RA-2017)	mgKOH/g m	1.40
4	HYDROXYL VALUE	158 MIN	BY GC	MgKOH/g	164.55
5	MOISTURE AND VOLATILE MATTERS	0.20 MAX	AOCS Ca 2c-25(RA-2017)	PERCENT	0.13
6	IODINE VALUE	82 - 90	AOCS Cd 1d - 92 (RA-2017)	gI ₂ /100gm	84.85
7	SAPONIFICATION VALUE	177 - 185	AOCS Cd 3 - 25(RA-2017)	mgKOH/g m	180.33
8	UNSATURATED MATTER	0.50 MAX	AOCS Ca 6a -40(RA-2017)	PERCENT	0.36

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NOTE: SAMPLE WILL BE DESTROYED AFTER FOUR MONTHS FROM THE DATE OF ISSUE OF THE REPORT

CERTIFIED BY:

Gajipenav.B

LABORATORY MANAGER
CASTOR GIRNAR INDUSTRIES PVT. LTD.



AUTHORISED SIGNATORY
CASTOR GIRNAR INDUSTRIES PVT. LTD.