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**CASTOR OIL REFINED**  
**TX008161 - CASTOR OIL REFINED**

**BATCH N°** L20901700  
**DELIVERY Q** 2000 KG

**MANUFACT. DATE** 08/11/2022  
**ANALYSIS DATE** 08/11/2022  
**RE-ANALISYS** 08/11/2024

**SPECIFICATION** 12201581-01    **CERTIFICATE N°** 93815    **EDITION DATE** 10/11/2022

PARAMETERS	SPECIFICATIONS	METHOD	RESULTS
DESCRIPTION	Clear yellow oily liquid		Pass test
Refractive index	1,477-1,485		1,478
Moisture & Volatile	0.25 % Max.		0.14
F.F.A.	max. 1.0 %		0.4
Acid Value	max. 2.00		0.9
SAP Value	177 - 185		184
UNSAF Value	0.50 - 0.80 %		0.50
Hydroxyle Value	160 - 168		165
Iodine Value	82 - 90		86
Relative Density 20 C°	0.954 - 0.960		0.959
Sediment	NIL		Pass test
ASH	NIL		Pass test
Solubility	Soluble in Alcohol, Ether		Pass test

**Observations**

Keep full and well closed in a dry place and away from light.  
The storage life can be guaranteed for minimum 24 months in tightly locked containers at a temperature of +10°C up to +30°C.  
A turbidity of the oil due to coldness is reversible and can be removed by heating up to more than 40°C.  
Freezing point of castor oil is -13°C so turbidity may be started at -13°C.

**Conclusion**

COMPLIES WITH SPECIFICATIONS

