

SPECIFICATION SHEET

PRODUCT	: FIRST SPECIAL GRADE CASTOR OIL
APPEARANCE	: YELLOW VISCOUS CLEAR LIQUID
COLOUR IN 5/4" LOVIBOND CELL SCALE	: YELLOW: 20 MAX. /RED: 2 MAX.
RELATIVE DENSITY @ 15/15.5°C	: 0.958 – 0.969 Gm/ml
REFRACTIVE INDEX @ 20°C	: 1.477 – 1.481
FREE FATTY ACID (FFA)	: 1.00% MAX.
ACID VALUE	: 2.00% MAX. mgKOH/gm
RICINOLEIC ACID	: 85% Min. by area
HYDROXYL VALUE	: 160 Min. mgKOH/gm
ACETYL VALUE	: 140 min. mgKOH/mg
IODINE VALUE	: 81-88 gm ₁₂ /100 gm
SAPONIFICATION VALUE	: 177-185 Max. mgKOH/gm
UNSAAPONIFIABLE MATTER	: 1.00% Max
MOISUTRE AND VOLATILE MATTER	: 0.25% Max.
INSOLUBLE IMOURITIES	: 0.02% Max.