



PRODUCT SPECIFICATION

Product: Castor oil
Grade: Commercial grade, #1
CAS No: 8001-79-4

Item	Specification
Refractive Index	1.477-1.481
Moisture & Volatile matter	0.50 max
Free Fatty Acid	2 % max
Acid Value	4.00 max
Iodine Value @ 40°C	82-90 %
Acetyl Value	140 min
Saponification value	177-187
Unsaponifiable matter	1.00 max
Hydroxyl value	160-168
Relative density 15/15.5°C	0.958-0.969
Viscosity Gardner-Holdt	U-V
Color in 1" cell lovibond scale	Red 3.5 max Yellow 20 max