



The Worldwide Resource...

THE BTTCO OVERSEAS

A GOVT. OF INDIA RECOGNIZED *STAR EXPORT HOUSE*
A D&B CERTIFIED COMPANY - DUNS NUMBER: 87-229-6440

Certificate Of Analysis

Castor Oil

Product Name : Castor Oil
Remarks : Our material confirms to the below specification
CAS No : 8001-79-4
HS Code : 15153090
Expiry Date : 1 Year from Mfg. Date

Sr. No	Parameters	Specification	Units	Result
01	Appearance	Viscose Transparent	-	Viscous Transparent
02	Colour	Pale Yellow	-	Pale Yellow
03	Colour On 5 ¼" Lovibond	Max 20Y,2R	-	11.0 Y, 1.1 R
04	Ash	0.1 Pct Max	Pct	0.002
05	Free Fatty Acid	1 PCT Max	PCT	0.31
06	Acid Value (No)	1.5 Mg Koh/Gr Max	Mg Koh/Gr	0.62
07	Refractive Index	1.477-1.481	-	1.4786
08	Relative Density At 20dc	0.954-0.960	-	0.9598
09	Saponification Value At 30°C No	177-185	Mg koh/Gm	180.92
10	Unsaponifiable Matter	1 PCT Max	PCT	0.37
11	Hydroxyl Value	160-168 Min	Mg koh/Gm	164.97
12	Iodine Number	82-90	GI2/100gm	85.19
13	Ricinoleic Acid	85 Pct Min	Pct by Area	87.75
14	Moisture And Volatile Matter	0.25 Pct Max	Pct	0.15