



The Leela Corporation

ISO 9001 : 2015 (QMS)
Certified Company



ISO 14001 : 2015 (EMS)
Certified Company

Leepol™ Carbomers | Leepol™ Coats | Leepol™ HCO
Acids | Chemicals | Solvents | Dyes | Pigments | APIs
Hazardous Waste Management



CERTIFICATE OF ANALYSIS

NAME OF PRODUCT	LEEPOL™ HCO K-140	GENERIC NAME	Polyoxyl 40 Hydrogenated Castor Oil
BATCH NO	30021001		
MFG. MONTH	APR – 2021	DATE	17/04/2021
EXP. MONTH	MAR – 2022	REF NO.	TLC/K-140

TEST	SPECIFICATION	RESULTS
DESCRIPTION	White to yellowish paste or pasty liquid, having a faint order and a slight taste.	Yellowish pasty liquid, having a faint order and a slight taste.
SOLUBILITY	<ol style="list-style-type: none"> Very soluble in water, producing a practically tasteless, odorless, and colorless solution. Soluble in alcohol and in ethyl acetate. Insoluble in mineral oils. 	Complies
IDENTIFICATION	<ol style="list-style-type: none"> Dissolve about 0.1 gm in 1 ml of water. Add 9 ml of sodium chloride solution (1 in 20) and heat in a water bath. The solution becomes turbid at a temperature between 70 and 85°C. B. Dissolve about 0.1 gm in 10 ml of alcoholic potassium hydroxide TS. Boil for about 3 minutes and evaporate to dryness. Mix the residue with 5 ml of water. It dissolves yielding a clear solution. Add a few drops of giacial acid a white precipitate is formed. 	Complies
ACID VALUE	NMT 2.0	0.7
CONGELING TEMPRATURE	Between 16°C to 26°C	20°C
HYDROXYL VALUE	Between 60.0 to 80.0	69.31
IODINE VALUE	NMT 2.0	0.8
SAPONIFICATION VALUE	Between 45 to 69	65.45
WATER	NMT 3.00%	0.27 %
RESIDUE ON IGNITION	NMT 0.3%	0.08 %
HEAVY METAL (Method 2)	NMT 0.001%	<0.001 %

* Specification as per finished product specification. Meeting requirement of USP/NF.

THE LEEA HOUSE

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