

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	PEG-40 Hydrogenated Castor Oil		
<b>INCI Name:</b>	PEG-40 Hydrogenated Castor Oil		
<b>CAS Number:</b>	61788-85-0		
<b>Batch Number</b>	20221028	<b>Manufacture Date</b>	20221028
<b>Report Date</b>	20221028	<b>Expiry Date</b>	20241027

Test Items	Specifications	Results
Appearance @25° C	Off white/yellow liquid to semi solid	Pass
Color (Gardner)	6.0 max	0.3
pH (3% aqueous)	5.5-7.0	6.3
Moisture, % (KF)	1.0 max	0.23
Acid Value	3.0 max	0.67
Saponification Value	60.0-67.0	66.9
Iodine Value	2.0 max	0.76
Hydroxyl Value	59.0-68.0	64.3
pH (10% aqueous)	6.0-7.0	6.94

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

