

Certificate of Analysis

Product Name: PEG-40 Hydrogenated Castor Oil

INCI Name: PEG-40 Hydrogenated Castor Oil

CAS Number: 61788-85-0

Production Date: 02/01/2026

Expiration Date: 24 months from production date

Characteristic	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