

CERTIFICATE OF ANALYSIS (COA)

Product Name: PEG-7 Glyceryl Cocoate

INCI Name: PEG-7 Glyceryl Cocoate

CAS No.: 68201-46-7

Product Grade: Cosmetic Grade

Batch/Lot No.: BPCPEG782026

Retest/Expiry Date: Aug 2029

Characteristic	Min	Max	Result
Appearance	Clear liquid	Clear liquid, slightly yellow	Pass
Saponification Value, mg KOH/g	90.00	100.00	96.17
Cloud Point, °C	-10.00	0.00	-1.00
Water – Karl Fischer, %	—	0.90	0.08
Ethylene Oxide, ppm	—	1.00	1.00
Iodine Value	—	5.00	4.00
Hydroxyl Value	175.00	195.00	188.25
Peroxide Value	—	5.00	1.00
Acid Value, mg KOH/g	—	5.00	0.60
Odor (characteristic)	—	—	Pass
Color, % Transmittance @ 550 nm	94.00	99.00	N/A
pH, 5% in distilled water	5.50	6.50	6.46
Color, % Transmittance @ 440 nm	82.00	92.00	N/A

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