

CERTIFICATE OF ANALYSIS

Product Name	Polyglyceryl-3 Polyricinoleate
INCI Name	Polyglyceryl-3 Polyricinoleate
CAS#	68936-89-0
Lot Number	OE202311T5
Manufacture Date	11/2023
Re-test Date	11/2025

Analytical Tests	Specification	Result
Appearance	Yellow to amber coloured liquid	CONFORMS
Odour	Characteristic	CONFORMS
pH	5 - 8	6.3
Melting/Freezing point	<18°C	16°C
Initial boiling point	>250°C	CONFORMS
Flash point	290°C	CONFORMS
Flammability of solids and gases	Not flammable	CONFORMS
Relative density	ca. 964 kg/m ³ (20°C)	CONFORMS
Solubility	Partially soluble in water	CONFORMS
Partition coefficient: n-octanol/water	Log Pow >5	CONFORMS
Auto-ignition temp.	>300°C	320°C
Decomposition temp.	>Flash point	CONFORMS
Viscosity	>1000 cSt (40°C)	1120
Explosive properties	Non explosive	CONFORMS
Oxidising properties	Non oxidant	CONFORMS
Water content %	0,00 - 1,00	0,10
Acidity mg KOH/g	0,00 - 6,00	2,62
Iodine number g I₂/100 g	75,00 - 95,00	91,40
Hydroxyl value mg KOH/g	80 - 100	88

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
 When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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