



Certificate of Analysis

Product Name: Polysorbate 80
INCI Name: Polysorbate 80
CAS Number: 9005-65-6
Lot Number: 0003318935
Production Date: Oct 12, 2023
Expiration Date: 24 months from production date

Property	Specifications	Laboratory Values	Results
Acid Value (mg KOH/lg sample)	2 max	1.33	pass
Hydroxyl Value (mg KOH/lg sample)	65-80	74.69	pass
Saponification Value (mg KOH/1g sample)	45-55	49.59	pass
Water	3.0% max	2.32	pass
IR (NEAT)	TMS	pass	pass
*Color (Gardner)	5 max	4	pass

This product does not contain Bovine, Ovine, or Caprine materials of any type.

All product characteristic test methods conforms to USP/NF unless noted with an asterisk (*).

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

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