

Certificate of Analysis

Date: January 6, 2024

Product: Polysorbate 80

Lot/Batch Number: PL80240103

Manufacture Date: September 2023 Retest Date: September 2025

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PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Clear Viscous Liquid	Passes
Colour	Yellow to Brownish	Yellow
Acid Value (mgKOH/g)	2.0 MAX	1.37
Saponification Value (mgKOH/g)	45 – 55	46.71
Hydroxyl Value (mgKOH/g)	65 – 80	70.12
Moisture Content, (w/%)	3.0 MAX	2.20
lodine Value (gm I ₂ /100g)	18 – 24	20.91
pH of 5% aqueous solution	6 – 8	6.74
Solubility	Soluble in Water & Alcohol	Passes

Remarks: The above product confirms to the specifications.

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