

Certificate of Analysis

Product: Polysorbate 20, Derived from Palm, RSPO, MB, Kosher, Halal

Item Number: PS20FP

Grade: Food

Lot Number: 5001170/1.1

Manufacture Date: 09/11/2024

Expiration Date: 09/10/2026

Country of Origin: India

Tested Property	Specification	Analysis
Appearance	Yellow to Amber Liquid	Yellow to Amber Liquid
Color (in Gardner)	Max 3G	2.1G
Acid Value	Max 2.0 mgKOH/g	0.10
Saponification Value	40-50 mgKOH/g	43
Hydroxyl Value	96-108 mgKOH/g	103
Water Content, %	Max 3.0%	2.4
pH 5% Solution	5.0-8.0	7.10
Assay Oxyethylene groups	70-74%	72.21%
Assay Sorbitan Monolaurate	97.3-103.5%	99.30%

Supply Chain Certification Number: SCS-RSPOSCC-000514

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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