

## CERTIFICATE OF ANALYSIS

(Certificate No. KMP030001-01)

**Release Date:** 26/07/2024

**Re-test Date:** 10/05/2025

**TWEEN 20 HP-LQ-(MH) (Polysorbate 20)**

## Identification

**Chemical Name :**

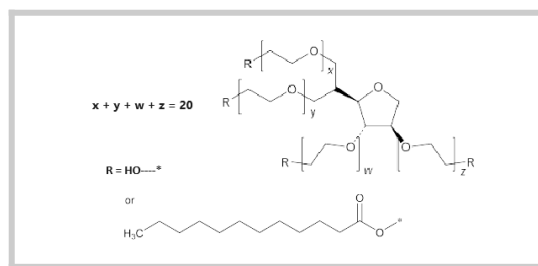
Polyoxyethylene (20) sorbitan monolaurate; Polysorbate 20

**CAT No.** : KMP030001

**CAS No.** : 9005-64-5

**Molecular Formula** : C<sub>58</sub>H<sub>114</sub>O<sub>26</sub>

**Molecular Weight** : 1227.54



## Analytical Information

**Batch No.** : 0001938157

<b>Description</b>	: Yellow Viscous Liquid
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**HPLC Purity** : 100.00 %

**Weight Loss By TGA** : 0.62 %

**% Potency** : 99.38 %

**Solubility** : Miscible with water

**Mass** : Confirm

IR : Confirm

**<sup>1</sup>H NMR** : Confirm

## Additional Information

**Long Term Storage** : Preserve in tight containers, protected from light and moisture. Store at room temperature

**Shipping Condition** : Product is stable to be shipped at room temperature

$$\% \text{ Potency} = [100 - 0.62(\text{Weight Loss By TGA})] \times [100.00(\text{HPLC Purity})]/100 = 99.38 \%$$
**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		29/07/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		29/07/2024

**Attachments** : COA, HPLC, MASS, 1HNMR, IR and TGA