MOBTAKERAN SHIMI

PRODUCT NAME:

Polysorbate 80 (BP-USP Grade)

PRODUCT DESCRIPTION:

Polysorbate 80 is a nonionic surfactant and emulsifier often used in foods and cosmetics. This synthetic compound is a viscous, water-soluble yellow liquid.

APPLICATION:

- emulsifier in foods
- used as a surfactant in soaps and cosmetics
- Laboratory use

CERTIFICATE OF ANALYSIS:

Item	Test Method	Specification	Results
colour & appearance	QA/TM/01	Yellowish clear liquid	Yellowish clear liquid
pH (5% in Distilled water)	QA/TM/06	6.0-8.0	7.22
Solubility (5% in Distilled water)	QA/TM/03	Clear	Clear
Saponification value (mg KOH/gm)	QA/TM/17	45.0-55.0	46.70
hydroxyl value (mg KOH/gm)	QA/TM/18	65.0-80.0	75.71
Acid value (mg KOH/gm)	QA/TM/13	2.0 Max	0.62
Moisture content by KF method %	QA/TM/11	3.0 Max	2.82

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