



GLYCERINE IP/BP/USP
HIGH PURITY HUMECTANT FOR PHARMA, FOOD & PERSONAL CARE
Manufactured by: Sidhe Petrochemicals, Gujarat
GMP & GLP Certified | FDA-Approved Facility | Halal & Kosher Certified Facility

Sidhe Petrochemicals offers **Glycerine (IP/BP/USP Grade)**, a high-purity, non-toxic, water-soluble polyol extensively used across pharma, food, cosmetics and personal care industries. Manufactured under strict quality and regulatory systems, our material conforms to Indian (IP), British (BP) and U.S. (USP) pharmacopeia standards.

APPLICATIONS

PHARMACEUTICALS / FOOD / PERSONAL CARE / COSMETICS / FRAGRANCE

-  Pharmaceuticals – Syrups, elixirs, capsules, topical formulations,
-  Food & Flavours – Humectant, sweetener, preservative, glazing agent,
-  Personal Care & Cosmetics – Creams, lotions, toothpaste, shaving products,
-  Fragrances & Home Care – Solvent and stabilizer

PRODUCT SPECIFICATIONS

Test	Specification
Description	Clear, colourless, syrupy liquid; odourless; sweet taste
Identification	IR spectrum complies
Solubility	Miscible with water & alcohol
Specific Gravity (20°C)	1.249 – 1.258
Refractive Index (20°C)	1.470 – 1.475
Acidity / Alkalinity	NMT 0.2 ml NaOH
Aldehydes	NMT 10 ppm
Heavy Metals	NMT 5 ppm
Chloride	NMT 10 ppm
Halogenated Compounds	NMT 35 ppm
Water Content	NMT 2.0%

Assay (anhydrous)	98.0 – 101.0%
Fatty Acids & Esters	≥ 8.0 ml 0.1N HCl
Sugars	Blue; no precipitate
DEG	$\leq 0.10\%$
EG	$\leq 0.10\%$
Sulphated Ash	$\leq 0.01\%$
Other secondary peaks	NMT 0.10%
Total impurities	NMT 1.0%

REGULATORY & COMPLIANCE

- ✚ Conforms to IP / BP / USP,
- ✚ GMP & GLP, FDA compliant production,
- ✚ Halal & Kosher certified facility

STORAGE & SHELF LIFE

- ✚ Store below **40°C** (ideal: **15 to 30°C**)
- ✚ Protect from direct sunlight, moisture & contamination
- ✚ **Shelf life: 24 months** (retest recommended after 24 months)

PACKAGING: 250 kg net – Food Grade HDPE Drums

- ✚ Tamper-evident sealing
- ✚ Pharma/food-compliant labelling

WHY SIDHE PETROCHEMICALS?

- ✚ Best-in-class product purity & consistency,
- ✚ IP/BP/USP compliance with rigorous QC,
- ✚ Strong supply capability,
- ✚ Customer-centric documentation & support

For inquiries, technical specifications, or samples, please contact:

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