



Glycerin USP, Kosher

Wintersun Code: 07-011

CAS Number: 56-81-5

Molecular Formula: HOCH₂CH(OH)CH₂OH

Molecular Weight: 92.09 g/mol

Sales Specification

Appearance: Clear Colorless

Assay, %wt: 99.7 min

Color, Hazen: 10 max

Water Content, %wt: 0.3 max

Arsenic, ppm: 1.5 max

Heavy metal, Lead, ppm: 5 max ?5

Fatty acid and esters (titrant:0.5N NaOH),ml: 1 max

Specific Gravity at 250C: 1.2612 min

Chloride, ppm: 10 max

Sulphate, ppm: 20 max

Chlorinated Compound, ppm: 20 max

Residue on Ignition, %wt: 0.01 max

Ethylene Glycol content, %wt: 0.1max

Diethylene Glycol content, %wt: 0.1max

Identification by IR: Meet requirement

Identification by GC: Meet requirement

Packing:

In 551.12 LB drum, 4 Drums per pallet

In 2204.60 LB Tote



Phosphoric Acid 75% FCC

Wintersun Code:16-009

CAS Number: 7664-38-2

Molecular Formula: H₃PO₄

Molecular Weight: 97.99 g/mol

Sales Specification

H₃PO₄: 75% Min

Arsenic as As: 0.00005% Max

Fluoride as F: 0.001% Max

H₃PO₃: 0.012% Max

Heavy Metal as Pb: 0.0005% Max

P₂O₅: 54.0% Min

SO₄: 0.0025% Max

Cl: 0.0003% Max

Fe:0.001% Max

Packing

In 3417.13 LB Tote / In 650 LB Drum



Applications

Acidulation of soft drinks, particularly cola. Manufacture of cottage and processed cheese, fats, shortenings; ph control in manufacture of imitation jellies; nutrient in production of yeast; control of bacteria growth in selected processed foods; flocculating agent for clarification of sugar juices after liming process. Manufacture of phosphate salts.

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Sorbitol Food Grade, Liquid Form

Wintersun code: 19-043-01

CAS Number: 50-70-4

Molecular Formula: $C_6H_{14}O_6$

Molecular Weight: 182.17 g/mol

Sales Specification

Appearance: Clear, colorless, odorless, viscous liquid

Dry Substance: 70% Min.

Water Content: 30% Max.

Refractive Index (20 °C): 1.4575 - 1.4620

Specific Gravity (20 °C) g/ml: 1.285 Min.

pH: 5.5 – 7.5

Reducing Sugars: 0.30% Max.

Nickel mg/kg: 1.0 Max.

Chloride mg/kg: 10 Max.

Sulphate mg/kg: 50 Max.

Arsenic (as As_2O_3) mg/kg: 1.0 Max.

Total Sugar: 6.0 – 10.0%

Cfu/ml TVC: 100 Max.

Colority, ml: 1 Max.

Residue on Weight by Glowing: 0.10 Max

Crystal tendency: Not crystal in – 18 within 24 hours



Packing

250kg drum, 4 drums per pallet

Applications

It is used as a food additive, toothpaste, tobacco, and toiletries and in cosmetics. It is used for vitamin-C fermentation.

It is also used in the manufacture of polyethers for polyurethanes and surfactants.

Propylene Glycol, USP

Wintersun Code: 16-052

CAS Number: 57-55-6

Molecular Formula: $CH_3CHOHCH_2OH$

Molecular Weight: 76.09 g/mol

Sales Specification

Quality Standard: USP

Assay: 99.5%

Color: 5 Max

Specific Gravity (20-20°C): 1.037-1.039

Acidity (as Acetic Acid): 50 Max

Water (ppm): 1000 Max

Iron (ppm): 0.3 Max

Chloride (ppm): 1.0 Max

Residue on ignition: 50 Max

Distillation

I.B.P. °C: 186.0 Min

D.F. °C: 189.0 Max

Arsenic (ppm): 1 Max

Heavy Metal (ppm): 5 Max

Sulfate (ppm): 50 Max



Packing

In 215 kg drum, 4 drums per pallet

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