

Product Specification

Meets B.P. Chemical Specifications, Meets J.P. Chemical Specifications, Meets U.S.P Requirements, Meets E.P. Chemical Specifications, GMP Manufactured Product

Test	Specification
USP – Specific Gravity at 25°/25°C	1.035 – 1.037
USP – Acidity	Passes Test
USP – Identification A (IR)	Passes Test
USP – Identification B – Diethylene Glycol	≤ 0.10 %
USP – Identification B – Ethylene Glycol	≤ 0.10 %
USP – Identification C	Passes Test
USP – Residue on Ignition	≤ 0.007 %
USP – Chloride (Cl)	≤ 0.007 %
USP – Sulfate (SO ₄)	≤ 0.006 %
USP – Water (H ₂ O)(by Karl Fischer titrn)	≤ 0.20 %
USP – Assay (CH ₃ CHOHCH ₂ OH)	≥ 99.5 %
Endotoxin Concentration (EU/g)	≤ 2.5
EP/BP – Relative Density (d ₂₀ ²⁰)	1.035 – 1.040
EP/BP – Refractive Index at 20°C	1.431 – 1.433
EP/BP – Identification A	Passes Test
EP/BP – Identification B	Passes Test
EP/BP – Identification C	Passes Test
EP/BP – Identification D	Passes Test
EP/BP – Appearance	Passes Test
EP/BP – Acidity	Passes Test
EP/BP – Oxidizing Substances	Passes Test
EP/BP – Reducing Substances	Passes Test
EP/BP – Water (H ₂ O)	≤ 0.2 %
EP/BP – Ash (sulfated)	≤ 0.01 %
JP – Identification A	Passes Test
JP – Identification B	Passes Test
JP – Specific Gravity at 20°/20°C	1.035 – 1.040
JP – Acidity	Passes Test

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Test	Specification
JP – Chloride (Cl)	≤ 0.007 %
JP – Sulfate (SO ₄)	≤ 0.002 %
JP – Heavy Metals (as Pb)	≤ 5 ppm
JP – Arsenic (As)	≤ 2 ppm
JP – Glycerin	Passes Test
JP – Water (H ₂ O)	≤ 0.5 %
JP – Residue on Ignition	≤ 0.005 %
JP – Distilling Range (Lower)	184 – 189 °C
JP – Distilling Range (Upper)	184 – 189 °C
JP – Ethylene Glycol	≤ 0.1 %
JP – Diethylene Glycol	≤ 0.1 %
JP – Any Other Impurity	≤ 0.1 %
JP – Total Impurities	≤ 1.0 %

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Propylene Glycol, U.S.P.
Multi-Compendial



Material No.: 9403-03

Test	Specification
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GMP Manufactured Product
Bulk Pharmaceutical Chemical
CAUTION: For Manufacturing, processing or repackaging
No Class 1,2,3 or other solvents are used or produced in the manufacturing or purification of the product.
Elemental Impurities (USP 232, EP 5.20) – Information on elemental impurities for this product is available on the associated
Product Regulatory Data Sheet and elemental impurity profile report.

Packaging Site: Paris Mfg Ctr & DC