

Acetic Acid, Glacial, U.S.P.
Multi-Compendial



Material No.: 9526-01
Batch No.: 0000168579
Manufactured Date: 2017/03/03
Retest Date: 2022/03/02

Certificate of Analysis

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

Test	Specification	Result
USP – Identification	Passes Test	PT
USP – Congealing Temperature	≥ 15.6 °C	17.3
USP – Nonvolatile Residue (USP), mg/20 mL	≤ 1.0	0.2
USP – Chloride (Cl)	Passes Test	PT
USP – Sulfate (SO ₄)	Passes Test	PT
USP – Heavy Metals (as Pb)	≤ 5 ppm	< 5
USP – Readily Oxidizable Substances	Passes Test	PT
USP – Assay (CH ₃ COOH)	99.5 – 100.5 %	99.9
EP/BP – Identification A	Passes Test	PT
EP/BP – Identification B	Passes Test	PT
EP/BP – Appearance	Passes Test	PT
EP/BP – Freezing Point	≥ 14.8 °C	17.3
EP/BP – Heavy Metals (as Pb)	≤ 5 ppm	< 5
EP/BP – Iron (Fe)	≤ 5 ppm	< 5
EP/BP – Chloride (Cl)	≤ 25 ppm	< 25
EP/BP – Sulfate (SO ₄)	≤ 50 ppm	< 50
EP/BP – Reducing Substances	Passes Test	PT
EP/BP – Residue on Evaporation	≤ 0.01 %	< 0.01
EP/BP – Assay (CH ₃ COOH)	99.0 – 100.5 %	100.0
JP – Assay (CH ₃ COOH)	99.0 – 101.0 %	99.9
JP – Identification	Passes Test	PT
JP – Congealing Point	≥ 14.5 °C	17.3

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600
Avantor Performance Materials, LLC.

3477 Corporate Parkway, Center Valley, PA 18034. U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610

Material No.: 9526-01
Batch No.: 0000168579

Test	Specification	Result
JP - Nonvolatile Residue, mg/10 mL	<= 1.0	0.1
JP - Chloride (Cl)	Passes Test	PT
JP - Sulfate (SO ₄)	Passes Test	PT
JP - Heavy Metals (as Pb)	<= 10 ppm	< 10
JP - Reducing Substances	Passes Test	PT

Bulk Pharmaceutical Chemical

CAUTION: For Manufacturing, processing or repackaging

Only Class 3 Solvents are likely to be present. Residual concentration of all Class 3 Solvents is <0.35%.

Preserve in tight containers, and store at room temperature

Metallic Residues: No metal catalysts or metal reagents, as defined by

EMA Guideline EMEA/CHMP/SWP/4446/2000, are used in the production of this material.

Storage Conditions: IMPORTANT: Material will freeze if stored below 17 °C (63°F).

Country of Origin: US

Packaging Site: Phillipsburg Mfg Ctr & DC

Manufacturer: P3021001

Manufacturer source batch: 50000026884

ISO

Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008
Panoli, India 9001:2008

James Ethier
Jamie Ethier
Vice President Global Quality

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