



PRODUCT SPECIFICATIONS SHEET

Product Name: Acetic Acid Glacial
 Grade: USP/FCC Grade
 Catalog #: 281USP/FCC

TEST	MONO-GRAPH	SPECIFICATION	TYPICAL RESULT	UNITS
Identification - Acetate	FCC	To Pass Test	Pass	N/A
Assay (C ₂ H ₄ O ₂)	FCC	99.5 - 100.5 wt. %	99.80	%
Lead	FCC	NMT 0.5 mg/kg	LT 0.5 mg/kg	N/A
Nonvolatile Residue	FCC	NMT 0.005%	LT 0.005%	N/A
Readily Oxidizable Substances	FCC	The pink color does not change to brown within 2 h.	Pass	N/A
Solidification Point	FCC	NLT 15.6°C	16.3	°C
Assay (CH ₃ COOH)	USP	99.5 - 100.5 wt. %	99.80	%
Chloride and Sulfate, Chloride	USP	No opalescence is produced	Pass	N/A
Congealing Temperature	USP	NLT 15.6°C	16.3	°C
Identification Tests-General, Acetate	USP	Meets the Requirements	Pass	N/A
Limit of Nonvolatile Residue	USP	The weight of the residue does not exceed 1.0 mg.	LT 1 mg	N/A
Readily Oxidizable Substances	USP	The pink color is not changed to brown within 2 h.	Pass	N/A
Chloride and Sulfate, Sulfate	USP	No turbidity is produced	Pass	N/A

This product is for further commercial manufacturing, laboratory, or research use, and may be used as a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.