

Acetone

Grade: FCC

Catalog number: ZP329000FCC

Test	Mono-graph	Specification	Typical Result
Identification	FCC	A yellow precipitate of iodoform forms	Pass
Assay	FCC	NLT 99.5% and NMT 100.5% C ₄ H ₆ O by weight	99.97 %
Inorganic Impurities: Lead	FCC	NMT 1 mg/kg	LT 1 mg/kg
Organic Impurities: Aldehydes (as Formaldehyde)	FCC	NMT 0.002%	LT 0.002%
Organic Impurities: Methanol	FCC	NMT 0.05%	0.02 %
Organic Impurities: Phenols	FCC	No Color Appears	Pass
Acidity (as acetic acid)	FCC	NMT 0.002%	LT 0.002%
Alkalinity (as NH ₃)	FCC	NMT 10 mg/kg	LT 10 mg/kg
Distillation Range	FCC	Within a range of 1o, including 56.1o	Pass
Nonvolatile Residue	FCC	NMT 10 mg/kg	0 mg
Refractive Index	FCC	Between 1.358 and 1.360 at 20°C	1.358
Solubility in Water	FCC	The Solution remains clear for at least 30 minutes	Pass
Specific Gravity @ 25°C	FCC	NMT 0.7880	0.7871
Substances Reducing Permanganate	FCC	The pink color does not entirely disappear	Pass
Water	FCC	0.5%, max	0.25 %

Certification and Compliance Statements

This product complies with all of the current requirements listed in the Food Chemical Codex monograph.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

Greenfield products are for further commercial manufacturing, laboratory use, or research. Greenfield is not registered with the United States Food and Drug Administration (FDA) as a drug manufacturing facility. Greenfield products are not registered with the FDA as active pharmaceutical ingredients in drug manufacturing.

Appropriate/legal use of all products are the responsibility of the user and subject to applicable local laws and regulations.