



Specification

Iodoform USP/BP/DAB

Catalog Number: ID1001
CAS Number: 75-47-8
Synonyms: Triiodomethane; Methane, triiodo
Molecular Formula: CHI_3
Molecular Weight: 393.85

Test	Specification
Description:	A lemon-yellow to dark yellow crystalline powder with characteristic penetrating odor.
Particle Size:	100% passes through 100 Mesh
Identification 1,2,3:	To pass tests
Melting Point:	Melts to a brown liquid at about 115° C and decompose at a higher temperature, emitting vapour of Iodine.
Assay:	99.0% - 100.5%
Loss on drying:	0.5% maximum
Residue on Ignition:	0.1% maximum
Chloride (Cl):	0.011% maximum
Iodide:	To pass test
Sulfate (SO_4):	0.017% maximum
Solubility:	Insoluble in water; slightly soluble in 96% ethanol; freely soluble in acetone and ether.
Appearance of Solution:	Solutions in ether/acetone are not more than slightly turbid and free from extraneous matter.
Coloring matter, acids and alkalies	To Pass Tests

Approved:

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