

Certificate of Analysis

Date of Testing: 2022-08-30 10:44:11

Date of Next Testing: 2024-08-19 10:44:11

Product Name: **Iodoform**

CAS Number: 75-47-8

Specifications & Purity: Analytical Reagent, 99%

Lot #: H2217452

SKU #: **I108194**

Analysis: **098529**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
loss on Ignition	0-0.1 (%)	0.05 %
Sulfate(SO42-)	0-170 (ppm)	98.00 ppm
Melting point	119-122 (°C)	121.05000 °C
Loss on drying(24 hrs, over silicagel)	0-0.5 (%)	0.25 %
Chloride (Cl-)	0-110 (ppm)	57.00 ppm
Purity(Titration)	99-102.5 (%)	99.30 %
Appearance (I108194)	yellow solid	yellow solid
Solubility 5% in CHCL3, clear to slightly hazy	red to red-brown to yellow	red to red-brown to yellow
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager