



Specification

Concerning Product:	
Article number	75478IUP
Trade name / designation / denomination	Iodoform U.S.P.
CAS number	75-47-8
Other names / synonyms	•Iodoform;
EC number	200-874-5
Customs tariff number / CN code / TARIC	29033990
Molecular weight [g / mol]	393.73
Formula	CHI ₃
Warning	
Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Harmful if inhaled. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash before reuse.	

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	the filtrate is colourless	
Colour	greenish to yellow	
Physical parameter		
Acidity/Alkalinity		
Acidity/Alkalinity	neutral to litmus	
Form	lustrous powder	
Loss on drying	≤ 0,5	%
Solubility	in alcohol: sparingly soluble	
Solubility	in boiling alcohol: soluble	
Solubility	in Chloroform: freely soluble	
Solubility	in Ether: freely soluble	
Solubility	in Glycerine: sparingly soluble	
Solubility	in olive oil: slightly soluble	
Solubility	in Water: practically insoluble	
Identity		
Assay	99,0 – 100,5	%
Identification	While heating a sample of 0.1 g, a purple gas is evolved.	
Melting Point (identity)	Decomposes at a higher temperature, emitting vapors of iodine. Melts at about: ≥ 115	°C
Impurities		
Residue on ignition	≤ 0,1	%
Sulphates (SO ₄)	≤ 0,017	%
Elemental Impurities		
Chlorides (Cl)	≤ 0,01	%

Supplemental information:

Shelf life: 2 years

Packing: 20 kg or 25 kg in fiber drum

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 21. Mar. 2022

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