



Product Specification

Product Name: CHLOROFORM AR

Alternate Name(s)

Description

Colourless, volatile liquid; characteristic odour; sweet taste.

Properties

Chemical Formula:

Molecular Weight: 119.38

Product Code: CA038

CAS No. 67-66-3

General Information:

Miscible with alcohol, ether and benzene. Incompatible with strong bases, oxidising agents. Non-flammable. When involved in a fire may evolve extremely toxic fumes (phosgene). Anaesthetic.

Hazard and Safety Data

UN Group: III
Class: 6.1
UN Number: 1888
Hazchem code: 2Z
CS MSDS Code: 1CH06
Poison schedule: S6
Emergency
Procedure Guide No.: 34

Quality Specification

Assay: 99.8% min.

Specific Properties and Impurities [Typical levels]:

Colour (APHA)	≤ 10
Residue after evaporation	≤ 0.001%
Acetone and aldehyde	Passes test
Acid and chloride	Passes test
Free chlorine (Cl)	Passes test
Substances darkened by sulfuric acid	Passes test
Water (H ₂ O)	≤ 0.02%
Carbon tetrachloride	≤ 0.01%
Dichloromethane	≤ 0.01%
Trichloroethylene	≤ 0.01%
Aluminium (Al)	≤ 0.00005%
Barium (Ba)	≤ 0.00001%
Boron (B)	≤ 0.00001%
Cadmium (Cd)	≤ 0.000005%
Calcium (Ca)	≤ 0.00005%
Chromium (Cr)	≤ 0.000005%
Cobalt (Co)	≤ 0.000002%
Copper (Cu)	≤ 0.000002%
Iron (Fe)	≤ 0.00005%
Lead (Pb)	≤ 0.000005%
Magnesium (Mg)	≤ 0.00005%
Manganese (Mn)	≤ 0.000002%
Molybdenum (Mo)	≤ 0.000002%
Nickel (Ni)	≤ 0.000002%
Tin (Sn)	≤ 0.00001%
Zinc (Zn)	≤ 0.00001%

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38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

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Stabilised with ethanol

~1%

CONFORMS TO ACS

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