

SYSTEM
Specification

PRODUCT NAME : Chloroform, ChemAR[®]
CATALOGUE NUMBER : CH071-90
FORMULA : CHCl₃
MOLECULAR WEIGHT : 119.38
CAS. NUMBER : [67-66-3]

IMDG class : 6.1 UN No : 1888 Packaging Group : III

HAZARD STATEMENT:

H351,H302,H373,315

PRECAUTIONARY STATEMENT:

P201,P281,P302+P352,P309+P311

Risiko (Risks):R22,R38,R40,R48/20/22

Keselamatan (Safety):S36/37

	Specification	
Assay (GC)	99-99.4	%
Identity(IR)	passes	test
Free acid(as HCL)	max.0.001	%
Chloride(Cl)	max.0.0001	%
Free Chlorine(Cl)	passes	test
Carbonyl compounds(as CO)	max.0.005	%
Matter discoloured by H ₂ SO ₄	max.10	Hazen
Ethanol(GC)	max.0.6-1.0	%
Dichloromethane(GC)	max.0.01	%
Carbon tetrachloride(GC)	max.0.01	%
Tetrachloroethylene(GC)	max.0.01	%
Trichloroethylene(GC)	max.0.01	%
Evaporation residue	max.0.001	%
Water	max.0.01	%
Suitability for determination with dithizone	passes	test
Aluminium(Al)	max.0.00005	%
Boron(B)	max.0.000002	%
Barium(Ba)	max.0.00001	%
Calcium(Ca)	max.0.00005	%
Cadmium(Cd)	max.0.000005	%
Cobalt(Co)	max.0.000002	%
Chromium(Cr)	max.0.000002	%
Copper(Cu)	max.0.000002	%
Iron(Fe)	max.0.00001	%
Magneium(Mg)	max.0.00001	%
Manganese(Mn)	max.0.000002	%
Nickel(Ni)	max.0.000002	%
Lead(Pb)	max.0.00001	%
Tin(Sn)	max.0.00001	%
Zinc(Zn)	max.0.00001	%
Wt/ml at 20 ^o C	1.49g	
Melting point:	-63 ^o C;	
Boiling point:	61 ^o C	

Stabilised 0.6-1.0% ethanol



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