

Honeywell Specialty Chemicals Seelze GmbH  
Wunstorferstrasse 40  
Seelze, 30926  
Telefon: +49 5137 999-0  
[lab.honeywell.com](http://lab.honeywell.com)

Brand: Honeywell Riedel-de Haën  
Product: 32222  
CAS Numbers (All) : 75-09-2  
Molar Mass : 84.93 g/mol

Dichloromethane puriss. p.a., ACS reagent, reagent ISO, 99.9% (GC)

Parameter	Specification	Units
assay (GC)	min. 99.9	%
boiling range	39.5 - 40.5	°C
density (D 20/4)	1.324-1.326	
refractive index (n 20/D)	1.4235-1.4245	
non-volatile matter	max. 0.001	%
water (Karl Fischer)	max. 0.01	%
free acid (as HCl)	max. 0.001	%
titrable acid	max. 0.0003	meq/g
aluminium (Al)	max. 0.00005	%
boron (B)	max. 0.000002	%
barium (Ba)	max. 0.00001	%
bismuth (Bi)	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	%
potassium (K)	max. 0.00005	%
lithium (Li)	max. 0.00001	%
magnesium (Mg)	max. 0.00001	%
manganese (Mn)	max. 0.000002	%
molybdenum (Mo)	max. 0.00001	%
sodium (Na)	max. 0.00005	%
nickel (Ni)	max. 0.000002	%

Dichloromethane puriss. p.a., ACS reagent, reag. ISO, 99.9% (GC)

Parameter	Specification	Units
lead (Pb)	max. 0.00001	%
tin (Sn)	max. 0.00001	%
strontium (Sr)	max. 0.00001	%
zinc (Zn)	max. 0.00001	%
free chlorine (Cl)	max. 0.00002	%
free halogens	complying	
chloride (Cl)	max. 0.00005	%
ethanol (GC)	max. 0.05	%
formaldehyde	max. 0.0005	%
2-methyl-2-buten (GC)	10-60	ppm
tetrachloromethane (GC)	max. 0.01	%
trichloromethane (GC)	max. 0.01	%
reaction against H <sub>2</sub> SO <sub>4</sub>	complying	
APHA	max. 10	