

Brand:
 Product:

 Honeywell Riedel-de Haën
 32201

Acetone analytical reagent, Reag. ACS, Reag. ISO, Reag. Ph. Eur.

Parameter	Specification	Units
assay (GC)	min. 99.5	%
boiling range	55.5 - 56.5	°C
density (D 20/4)	0.790-0.792	
refractive index (n 20/D)	1.3580-1.3600	
non-volatile matter	max. 10	ppm
water insoluble substances	complying	
water (Karl Fischer)	max. 0.2	%
free acid (as CH ₃ COOH)	max. 0.0015	%
free alkali (as NH ₃)	max. 0.0008	%
acidity or alkalinity	complying	
aluminium (Al)	max. 0.5	ppm
boron (B)	max. 0.02	ppm
barium (Ba)	max. 0.1	ppm
bismuth (Bi)	max. 0.1	ppm
calcium (Ca)	max. 0.5	ppm
cadmium (Cd)	max. 0.05	ppm
cobalt (Co)	max. 0.01	ppm
chromium (Cr)	max. 0.02	ppm
copper (Cu)	max. 0.02	ppm
iron (Fe)	max. 0.1	ppm
potassium (K)	max. 0.5	ppm
lithium (Li)	max. 0.1	ppm
magnesium (Mg)	max. 0.1	ppm
manganese (Mn)	max. 0.01	ppm
molybdenum (Mo)	max. 0.1	ppm

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sodium (Na)	max. 0.5	ppm
nickel (Ni)	max. 0.02	ppm
lead (Pb)	max. 0.02	ppm
tin (Sn)	max. 0.1	ppm
strontium (Sr)	max. 0.1	ppm
zinc (Zn)	max. 0.05	ppm
KMnO ₄ red. matter (as O)	max. 0.0002	%
reducing impurities	complying	
aldehydes (as HCHO)	max. 0.001	%
benzene (GC)	max. 2	Vol.ppm
ethanol (GC)	max. 0.01	%
methanol (GC)	max. 0.05	Vol.%
2-propanol (GC)	max. 0.05	Vol.%
related subst. (GC)	complying	
appearance of the solution	complying	
APHA	max. 10	
solubility in water	complying	