Dutscher
ENSEMBLE, AIDONS LA SCIENCE À PROGRESSER

Honeywell

Brand: Honeywell Fluka
Product: 33209

Acetic acid min. 99,8 %, puriss. p.a., Reag. ACS, Reag. ISO, Reag. Ph. Eur.

Parameter	Specification	Units	Result	Units
assay	99.8-100.5	%	100.0	%
assay (GC)	min. 99.8	%	99.9	%
density (D 20/20)	1.052-1.053		1.052 - 1.053	
boiling range	117 - 119	°C	117 - 119	°C
congealing - freezing point	min. 16.3	°C	>16.3	°C
non-volatile matter	max. 0.0005	%	<0.0005	%
water (Karl Fischer)	max. 0.4	%	0.07	%
silver (Ag)	max. 0.000001	%	<0.000001	%
aluminium (Al)	max. 0.000005	%	<0.000005	%
arsenic (As)	max. 0.000001	%	<0.000001	%
barium (Ba)	max. 0.000001	%	<0.000001	%
beryllium (Be)	max. 0.000001	%	<0.000001	%
bismuth (Bi)	max. 0.00001	%	<0.00001	%
calcium (Ca)	max. 0.00002	%	<0.00002	%
cadmium (Cd)	max. 0.000002	%	<0.000002	%
cobalt (Co)	max. 0.000001	%	<0.000001	%
chromium (Cr)	max. 0.000005	%	<0.000005	%
copper (Cu)	max. 0.000001	%	<0.000001	%
iron (Fe)	max. 0.00002	%	<0.00002	%
germanium (Ge)	max. 0.000005	%	<0.000005	%
potassium (K)	max. 0.00001	%	<0.00001	%
lithium (Li)	max. 0.000001	%	<0.000001	%
magnesium (Mg)	max. 0.00001	%	<0.00001	%
manganese (Mn)	max. 0.000001	%	<0.000001	%
molybdenum (Mo)	max. 0.000002	%	<0.000002	%
sodium (Na)	max. 0.00005	%	<0.00005	%

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Parameter	Specification	Units	Result	Units
nickel (Ni)	max. 0.000005	%	<0.000005	%
lead (Pb)	max. 0.000002	%	<0.000002	%
strontium (Sr)	max. 0.000001	%	<0.000001	%
titanium (Ti)	max. 0.000001	%	<0.000001	%
thallium (Tl)	max. 0.000005	%	<0.000005	%
vanadium (V)	max. 0.000001	%	<0.000001	%
zinc (Zn)	max. 0.000005	%	<0.000005	%
zirconium (Zr)	max. 0.00001	%	<0.00001	%
heavy metals (as Pb)	max. 0.00005	%	<0.00005	%
chloride (Cl)	max. 0.00005	%	<0.00005	%
phosphate (PO4)	max. 0.00005	%	<0.00005	%
sulfate (SO4)	max. 0.00005	%	<0.00005	%
acetaldehyde	max. 0.0002	%	<0.0002	%
acetic anhydride (GC)	max. 0.01	%	<0.01	%
mixable with H2O	complying		complying	
titrable base	max. 0.0004	meq/g	<0.0004	meq/g
APHA	max. 10		<10	
appearance of the substance	complying		complying	
K2Cr2O7 red. matter	complying		complying	
KMNO4 red. substances	complying		complying	