

Solstice

CERTIFICATE OF ANALYSIS

Honeywell Specialty Chemicals Seelze GmbH D-30926
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Brand: Honeywell Fluka
 Product: 30721
 Lot No: P3360
 Production date: 02.Dec.2025
 Rec. Retest Date: 15.May.2029

Hydrochloric acid puriss. p.a., ACS reagent, reagent ISO, reagent Ph. Eur., fuming, 37%, APHA: 10

Parameter	Specification	Units	Result	Units
assay	37-38.0	%	37.8	%
density (20°C)	min. 1.18	g/ml	1.186	g/ml
residue on ignition (SO ₄)	max. 5	ppm	<3	ppm
non-volatile matter	max. 0.005	%	<0.005	%
ammonium (NH ₄)	max. 1	ppm	<1	ppm
silver (Ag)	max. 0.01	ppm	<0.01	ppm
aluminium (Al)	max. 0.000005	%	<0.000005	%
arsenic (As)	max. 0.01	ppm	<0.01	ppm
barium (Ba)	max. 0.000002	%	<0.000002	%
beryllium (Be)	max. 0.000002	%	<0.000002	%
bismuth (Bi)	max. 0.1	ppm	<0.1	ppm
calcium (Ca)	max. 0.00005	%	<0.00005	%
cadmium (Cd)	max. 0.01	ppm	<0.01	ppm
cobalt (Co)	max. 0.000001	%	<0.000001	%
chromium (Cr)	max. 0.000002	%	<0.000002	%
copper (Cu)	max. 0.02	ppm	<0.02	ppm
iron (Fe)	max. 0.2	ppm	<0.2	ppm
germanium (Ge)	max. 0.000005	%	<0.000005	%
mercury (Hg)	max. 0.01	ppm	<0.01	ppm
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. 0.02	ppm	<0.02	ppm
sodium (Na)	max. 0.00005	%	<0.00005	%
nickel (Ni)	max. 0.000002	%	<0.000002	%

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Parameter	Specification	Units	Result	Units
lead (Pb)	max. 0.02	ppm	<0.02	ppm
strontium (Sr)	max. 0.000001	%	<0.000001	%
titanium (Ti)	max. 0.00001	%	<0.00001	%
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 (ICP) ACS	max. 1	ppm	<1	ppm
free chlorine (Cl)	max. 0.5	ppm	<0.5	ppm
bromide (Br)	max. 0.005	%	<0.005	%
phosphate (PO4)	max. 0.00005	%	<0.00005	%
sulfate (SO4)	max. 1	ppm	<1	ppm
sulfite (SO3)	max. 1	ppm	<1	ppm
appearance of the substance	complying		complying	
APHA	max. 10		<10	
residual solvents	complying		complying	

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QC Release Date: 09.Dec.2025

The minimum shelf life is based on the current knowledge and holds only for proper storage conditions in the originally closed flasks/ packages.

We herewith confirm that the delivery is effected according to the technical delivery conditions agreed.

Particular properties of the products or the suitability for a particular area of application are not assured.

We guarantee a proper quality within our General Conditions of Sales.

Honeywell
Specialty Chemicals

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