Honeywell

CERTIFICATE OF ANALYSIS

Honeywell Specialty Chemicals Seelze GmbH
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Brand:	Honeywell Fluka
Product:	84716
Lot No:	O1060
Production date:	30.Jul.2024
Expiry Date:	15.Jul.2027

Sulfuric acid 93%, TraceSELECT, for trace analysis

Parameter	Specification	Units	Result	Units
assay	93.0-98.0	%	95.3	%
silver (Ag)	max. 1	ppb	<1	ppb
aluminium (Al)	max. 5	ppb	<5	ppb
arsenic (As)	max. 0.001	ppm	<0.001	ppm
gold (Au)	max. 1	ppb	<1	ppb
barium (Ba)	max. 1	ppb	<1	ppb
beryllium (Be)	max. 0.5	ppb	<0.5	ppb
bismuth (Bi)	max. 0.5	ppb	<0.5	ppb
calcium (Ca)	max. 20	ppb	<20	ppb
cadmium (Cd)	max. 0.5	ppb	<0.5	ppb
cerium (Ce)	max. 0.5	ppb	<0.5	ppb
cobalt (Co)	max. 0.5	ppb	<0.5	ppb
chromium (Cr)	max. 1	ppb	<1	ppb
cesium (Cs)	max. 0.5	ppb	<0.5	ppb
copper (Cu)	max. 1	ppb	<1	ppb
iron (Fe)	max. 10	ppb	<10	ppb
gallium (Ga)	max. 0.5	ppb	<0.5	ppb
germanium (Ge)	max. 1	ppb	<1	ppb
mercury (Hg)	max. 0.5	ppb	<0.5	ppb
potassium (K)	max. 10	ppb	<10	ppb
lithium (Li)	max. 0.5	ppb	<0.5	ppb
magnesium (Mg)	max. 5	ppb	<5	ppb
manganese (Mn)	max. 0.5	ppb	<0.5	ppb
molybdenum (Mo)	max. 0.5	ppb	<0.5	ppb
sodium (Na)	max. 20	ppb	<20	ppb
nickel (Ni)	max. 2	ppb	<2	ppb

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Parameter	Specification	Units	Result	Units
lead (Pb)	max. 1	ppb	<1	ppb
palladium (Pd)	max. 0.5	ppb	<0.5	ppb
platinum (Pt)	max. 0.5	ppb	<0.5	ppb
rubidium (Rb)	max. 0.5	ppb	<0.5	ppb
Rhodium (Rh)	max. 0.5	ppb	<0.5	ppb
antimony (Sb)	max. 1	ppb	<1	ppb
selenium (Se)	max. 0.005	ppm	<0.005	ppm
tin (Sn)	max. 1	ppb	<1	ppb
strontium (Sr)	max. 0.5	ppb	<0.5	ppb
titanium (Ti)	max. 1	ppb	<1	ppb
thallium (Tl)	max. 0.5	ppb	<0.5	ppb
vanadium (V)	max. 1	ppb	<1	ppb
zinc (Zn)	max. 5	ppb	<5	ppb
zirconium (Zr)	max. 0.5	ppb	<0.5	ppb
chloride (Cl)	max. 0.1	ppm	<0.1	ppm
nitrate (NO3)	max. 0.2	ppm	<0.2	ppm
phosphate (PO4)	max. 0.5	ppm	<0.5	ppm

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QC Release Date: 05.Aug.2024

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.

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Quality Management

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