

Honeywell Specialty Chemicals Seelze GmbH

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Brand: Honeywell Riedel-de Haën™
Product: 14263
Lot No: K013M
Production date: 13.Jan.2020
Expiry Date: 02.Jan.2022

Water, LC-MS Ultra CHROMASOLV, tested for UHPLC-MS

Parameter	Specification	Units	Result	Units
non-volatile matter	max. 1	ppm	<1	ppm
aluminium (Al)	max. 0.5	ppm	<0.5	ppm
barium (Ba)	max. 0.1	ppm	<0.1	ppm
calcium (Ca)	max. 0.1	ppm	<0.1	ppm
cadmium (Cd)	max. 0.05	ppm	<0.05	ppm
cobalt (Co)	max. 0.02	ppm	<0.02	ppm
chromium (Cr)	max. 0.02	ppm	<0.02	ppm
copper (Cu)	max. 0.02	ppm	<0.02	ppm
iron (Fe)	max. 0.1	ppm	<0.1	ppm
potassium (K)	max. 0.1	ppm	<0.1	ppm
magnesium (Mg)	max. 0.1	ppm	<0.1	ppm
manganese (Mn)	max. 0.02	ppm	<0.02	ppm
sodium (Na)	max. 0.1	ppm	<0.1	ppm
nickel (Ni)	max. 0.02	ppm	<0.02	ppm
lead (Pb)	max. 0.1	ppm	<0.1	ppm
tin (Sn)	max. 0.1	ppm	<0.1	ppm
zinc (Zn)	max. 0.1	ppm	<0.1	ppm
chloride (Cl)	max. 0.01	ppm	<0.01	ppm
fluoride (F)	max. 0.01	ppm	<0.01	ppm
nitrate (NO ₃)	max. 0.1	ppm	<0.1	ppm
sulfate (SO ₄)	max. 0.1	ppm	<0.1	ppm
UHPLC-MS ESI(+) (Reserpin)	max. 5	ppb	<5	ppb
UHPLC-MS ESI(-) (Digoxin)	max. 20	ppb	<20	ppb
UHPLC-gradient drift 254 nm	max. 3	mAU	<3	mAU
UHPLC-gradient peak 254 nm	max. 0.6	mAU	<0.6	mAU
UHPLC-gradient drift 210 nm	max. 8	mAU	<8	mAU

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Parameter	Specification	Units	Result	Units
UHPLC-gradient peak 210 nm	max. 2	mAU	<2	mAU
transmittance at 230 nm	min. 99	%	>99	%
transmittance at 200 nm	min. 95	%	>95	%
fluorescence (chinin) at 254 nm	max. 1	ppb	<1	ppb
fluorescence (chinin) at 365 nm	max. 1	ppb	<1	ppb
suitability for the UHPLC-MS	complying		complying	

filtered via 0,2µm pore size filter

QC Release Date: 27.Jan.2020

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
Quality Management

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