

Honeywell**CERTIFICATE OF ANALYSIS****Honeywell Specialty Chemicals Seelze GmbH**

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Brand: Honeywell Riedel-de Haën™
Product: 39253
Lot No: K045M
Production date: 14.Feb.2020
Expiry Date: 03.Feb.2022

Water LC-MS CHROMASOLV

Parameter	Specification	Units	Result	Units
non-volatile matter	max. 1	ppm	<1	ppm
silver (Ag)	max. 0.1	ppm	<0.1	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
HPLC-gradient at 210 nm	max. 5	mAU	<5	mAU
HPLC-gradient at 254 nm	max. 1	mAU	<1	mAU
suitability for the LC-MS	complying		complying	
fluorescence (chinin) at 254 nm	max. 1	ppb	<1	ppb

Water LC-MS CHROMASOLV

Parameter	Specification	Units	Result	Units
fluorescence (chinin) at 365 nm	max. 1	ppb	<1	ppb
absorbance at 210 nm	max. 0.022		<0.022	
absorbance at 230 nm	max. 0.004		<0.004	
transmittance at 210 nm	min. 95	%	>95	%
transmittance at 230 nm	min. 99	%	>99	%
filtered via 0,2µm pore size filter				

QC Release Date: 05.Mar.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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