

# Solstice

CERTIFICATE OF ANALYSIS

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Brand: Honeywell Riedel-de Haën  
Product: 34851  
Lot No: P2150  
Production date: 03.Aug.2025  
Expiry Date: 24.Jul.2027

Acetonitrile CHROMASOLV, for HPLC, gradient grade, 99.9%

Parameter	Specification	Units	Result	Units
assay (GC)	min. 99.90	%	99.99	%
refractive index (n 20/D)	1.3435-1.3445		1.3439	
non-volatile matter	max. 0.0005	%	<0.0005	%
water (Karl Fischer)	max. 0.02	%	0.001	%
free acid (as CH <sub>3</sub> COOH)	max. 0.001	%	<0.001	%
free alkali (as NH <sub>3</sub> )	max. 0.0002	%	<0.0002	%
absorbance at 400 nm	max. 0.0044		<0.0044	
absorbance at 250 nm	max. 0.0044		<0.0044	
absorbance at 235 nm	max. 0.0044		<0.0044	
absorbance at 230 nm	max. 0.0044		<0.0044	
absorbance at 200 nm	max. 0.032		<0.032	
absorbance at 195 nm	max. 0.12		<0.12	
fluorescence (chinin) at 254 nm	max. 1	ppb	<1	ppb
fluorescence (chinin) at 365 nm	max. 0.5	ppb	<0.5	ppb
HPLC-gradient at 210 nm	max. 3	mAU	<3	mAU
HPLC-gradient at 254 nm	max. 0.5	mAU	<0.5	mAU
baseline drift at 210 nm	max. 15	mAU	<15	mAU

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filtered via 0,2µm pore size filter

QC Release Date: 13.Aug.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  
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