

**Honeywell**  
CERTIFICATE OF ANALYSIS

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Brand: Honeywell Riedel-de Haën  
Product: 24229  
Lot No: O3510  
Production date: 16.Dec.2024  
Rec. Retest Date: 20.Nov.2029

Methanol free from acetone, puriss., meets analytical Specification of Ph. Eur., NF

Parameter	Specification	Units	Result	Units
appearance	complying		complying	
identity (IR)	complying		complying	
assay (GC)	min. 99.7	%	99.99	%
boiling range	64 - 65	°C	64 - 65	°C
density (D 20/20)	0.791-0.793		0.791 - 0.793	
refractive index (n 20/D)	1.328-1.330		1.328 - 1.330	
non-volatile matter	max. 10	ppm	<10	ppm
water (Karl Fischer)	max. 0.10	%	0.003	%
free acid (as HCOOH)	max. 0.003	%	<0.003	%
free alkali (as NH3)	max. 0.0003	%	<0.0003	%
acidity or alkalinity	complying		complying	
iron (Fe)	max. 0.0001	%	<0.0001	%
chloride (Cl)	max. 0.0001	%	<0.0001	%
sulfate (SO4)	max. 0.0005	%	<0.0005	%
reducing impurities	complying		complying	
reaction against H2SO4	complying		complying	
aldehy.,ketones(as CH3COCH3)	max. 0.003	%	<0.003	%
acetone (GC)	max. 0.001	%	<0.001	%
benzene (GC)	max. 2	ppm	<2	ppm
UV-absorption	complying		complying	
related subst. (GC)	complying		complying	
residual solvents	complying		complying	
impurity A (GC)	complying		complying	



QC Release Date: 20.Dec.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.

Honeywell

Quality Management

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