

Honeywell

TDS

Honeywell Specialty Chemicals Seelze GmbH
 Wunstorferstrasse 40
 Seelze, 30926
 Telefon: +49 5137 999-0
lab.honeywell.com

Brand: Honeywell Riedel-de Haën
 Product: 32294

Ethanol 96 vol.%, puriss. p.a., Reag. ACS, Reag. Ph. Eur.

Parameter	Specification	Units	Result	Units
appearance	complying		complying	
identity A	complying		complying	
identity B	complying		complying	
assay	95.1-96.9	Vol.%	96.16	Vol.%
boiling range	78 - 79	°C	78 - 79	°C
density (D 20/20)	0.8050-0.8120		0.80823	
non-volatile matter	max. 0.001	%	<0.001	%
free acid (as CH ₃ COOH)	max. 0.003	%	<0.003	%
free alkali (as NH ₃)	max. 0.0001	%	<0.0001	%
cadmium (Cd)	max. 0.00001	%	<0.00001	%
copper (Cu)	max. 0.00001	%	<0.00001	%
iron (Fe)	max. 0.00001	%	<0.00001	%
nickel (Ni)	max. 0.00001	%	<0.00001	%
lead (Pb)	max. 0.00001	%	<0.00001	%
zinc (Zn)	max. 0.00001	%	<0.00001	%
heavy metals (as Pb)	max. 0.0001	%	<0.0001	%
KMNO ₄ red. matter	complying		complying	
acetone (GC)	max. 0.001	%	<0.001	%
aldehydes (as CH ₃ CHO)	max. 0.0005	%	<0.0005	%
formaldehyde	max. 0.0005	%	<0.0005	%
methanol (GC)	max. 100	Vol.ppm	<100	Vol.ppm
2-propanol (GC)	max. 0.003	%	<0.003	%
volatile impurities (GC)	complying		complying	
reaction against H ₂ SO ₄	complying		complying	
mixable with H ₂ O	complying		complying	
UV-absorption	complying		complying	



Ethanol 96 vol.%, puriss. p.a., Reag. ACS, Reag. Ph. Eur.

Parameter	Specification	Units	Result	Units
APHA	max. 10		<10	

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

This document was produced electronically and is valid without a signature