

Honeywell
CERTIFICATE OF ANALYSIS

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

Brand: Honeywell Riedel-de Haën
Product: 03750
Lot No: P0910
Production date: 01.Apr.2025
Rec. Retest Date: 27.Mar.2026

Ethylene glycol puriss. p.a., Reag. Ph. Eur., 99.5%

Parameter	Specification	Units	Result	Units
identity (IR)	complying		complying	
assay (GC)	min. 99.5	%	99.99	%
density (D 20/20)	1.113-1.115		1.114	
refractive index (n 20/D)	1.430-1.432		1.4315	
boiling range	195 - 197	°C	195 - 197	°C
water (Karl Fischer)	max. 0.1	%	<0.1	%
sulfated ash	max. 0.005	%	<0.005	%
free acid (as CH ₃ COOH)	max. 0.001	%	<0.001	%
aluminium (Al)	max. 0.5	ppm	<0.5	ppm
barium (Ba)	max. 0.1	ppm	<0.1	ppm
bismuth (Bi)	max. 0.1	ppm	<0.1	ppm
calcium (Ca)	max. 0.5	ppm	<0.5	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. 0.2	ppm	<0.2	ppm
potassium (K)	max. 0.5	ppm	<0.5	ppm
lithium (Li)	max. 0.1	ppm	<0.1	ppm
magnesium (Mg)	max. 0.1	ppm	<0.1	ppm
manganese (Mn)	max. 0.05	ppm	<0.05	ppm
molybdenum (Mo)	max. 0.1	ppm	<0.1	ppm
sodium (Na)	max. 1	ppm	<1	ppm
nickel (Ni)	max. 0.02	ppm	<0.02	ppm
lead (Pb)	max. 0.1	ppm	<0.1	ppm
strontium (Sr)	max. 0.1	ppm	<0.1	ppm



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zinc (Zn)	max. 0.2	ppm	<0.2	ppm
chloride (Cl)	max. 0.2	ppm	<0.2	ppm
sulfate (SO4)	max. 10	ppm	<10	ppm
formaldehyde	max. 50	ppm	<50	ppm
KMnO4 red. matter (as O)	max. 0.0003	%	<0.0003	%
APHA	max. 25		<25	

QC Release Date: 09.Apr.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
Quality Management

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