

Honeywell
CERTIFICATE OF ANALYSIS

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Brand: Honeywell Riedel-de Haën
Product: 32293
Lot No: N3270
Production date: 23.Nov.2023
Rec. Retest Date: 30.May.2028

n-Hexane analytical reagent, Reag. ACS, Reag. Ph. Eur.

Parameter	Specification	Units	Result	Units
assay (GC)	min. 99	%	99.3	%
boiling range	68 - 69	°C	68 - 69	°C
boiling range 67-69 °C	min. 95	%	95	%
density (D 20/4)	0.658-0.662		0.658 - 0.662	
density (D 20/20)	0.659-0.663		0.659 - 0.663	
refractive index (n 20/D)	1.3745-1.3755		1.3745 - 1.3755	
non-volatile matter	max. 0.001	%	<0.001	%
water (Karl Fischer)	max. 0.01	%	0.003	%
free acid (as CH3COOH)	max. 0.002	%	<0.002	%
aluminium (Al)	max. 0.00005	%	<0.00005	%
boron (B)	max. 0.000002	%	<0.000002	%
barium (Ba)	max. 0.00001	%	<0.00001	%
calcium (Ca)	max. 0.00005	%	<0.00005	%
cadmium (Cd)	max. 0.000005	%	<0.000005	%
cobalt (Co)	max. 0.000002	%	<0.000002	%
chromium (Cr)	max. 0.000002	%	<0.000002	%
copper (Cu)	max. 0.000002	%	<0.000002	%
iron (Fe)	max. 0.00001	%	<0.00001	%
magnesium (Mg)	max. 0.00001	%	<0.00001	%
manganese (Mn)	max. 0.000002	%	<0.000002	%
nickel (Ni)	max. 0.000002	%	<0.000002	%
lead (Pb)	max. 0.00001	%	<0.00001	%
tin (Sn)	max. 0.00001	%	<0.00001	%
zinc (Zn)	max. 0.00001	%	<0.00001	%
aromatic substances (as C6H6)	max. 0.01	%	<0.01	%



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Parameter	Specification	Units	Result	Units
S-compounds (as S)	max. 0.005	%	<0.005	%
thiophene	max. 0.0001	%	<0.0001	%
reaction against H2SO4	complying		complying	
APHA	max. 10		<10	

QC Release Date: 04.Dec.2023

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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