



## CERTIFICATE OF ANALYSIS

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Brand: Honeywell Riedel-de Haën  
 Product: 320021  
 Lot No: H1180  
 Production date: 28.Apr.2017  
 Rec. Retest Date: 07.Apr.2021

3-Methyl-1-butanol ACS reagent, 98.5%

Parameter	Specification	Units	Result	Units
identity (IR)	complying		complying	
assay (GC)	min. 98.50	%	99.8	%
non-volatile matter	max. 0.003	%	<0.003	%
water (Karl Fischer)	max. 0.5	%	0.02	%
titrable acid	max. 0.002	meq/g	<0.002	meq/g
acids, esters (as amyl acetate)	max. 0.2	%	<0.2	%
carbonyl compounds (as HCHO)	max. 0.1	%	<0.1	%
identity (IR)	complying		complying	
assay (GC)	min. 98.50	%	99.8	%
non-volatile matter	max. 0.003	%	<0.003	%
water (Karl Fischer)	max. 0.5	%	0.02	%
titrable acid	max. 0.002	meq/g	<0.002	meq/g
acids, esters (as amyl acetate)	max. 0.2	%	<0.2	%
carbonyl compounds (as HCHO)	max. 0.1	%	<0.1	%



QC Release Date: 10.Aug.2017

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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