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Brand: Honeywell Riedel-de Haën
 Product: 33539
 Lot No: L1610
 Production date: 10.Jun.2021
 Rec. Retest Date: 16.Dec.2025

2-Propanol puriss. p.a., ACS reagent, reag. ISO, reag. Ph. Eur., 99.8% (GC)

| Parameter | Specification | Units | Result | Units |
|---|---------------|-------|-------------|-------|
| assay (GC) | min. 99.8 | % | 99.98 | % |
| boiling range | 81 - 83 | °C | 82.1 - 82.6 | °C |
| density (D 20/4) | 0.784-0.786 | | 0.7855 | |
| refractive index (n 20/D) | 1.3770-1.3780 | | 1.3771 | |
| non-volatile matter | max. 0.001 | % | <0.001 | % |
| water (Karl Fischer) | max. 0.1 | % | 0.01 | % |
| free acid (as C ₂ H ₅ COOH) | max. 0.00074 | % | <0.00074 | % |
| free alkali (as NH ₃) | max. 0.00017 | % | <0.00017 | % |
| aluminium (Al) | max. 0.00005 | % | <0.00005 | % |
| boron (B) | max. 0.000002 | % | <0.000002 | % |
| barium (Ba) | max. 0.00001 | % | <0.00001 | % |
| bismuth (Bi) | 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 | % |
| potassium (K) | max. 0.00005 | % | <0.00005 | % |
| lithium (Li) | max. 0.00001 | % | <0.00001 | % |
| magnesium (Mg) | max. 0.00001 | % | <0.00001 | % |
| manganese (Mn) | max. 0.000002 | % | <0.000002 | % |
| molybdenum (Mo) | max. 0.00001 | % | <0.00001 | % |
| sodium (Na) | max. 0.0001 | % | <0.0001 | % |
| nickel (Ni) | max. 0.000002 | % | <0.000002 | % |
| lead (Pb) | max. 0.00001 | % | <0.00001 | % |

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|---|---------------|-------|-----------|-------|
| tin (Sn) | max. 0.00001 | % | <0.00001 | % |
| strontium (Sr) | max. 0.00001 | % | <0.00001 | % |
| zinc (Zn) | max. 0.00001 | % | <0.00001 | % |
| APHA | max. 10 | | <10 | |
| carbonyl compounds (as CO) | max. 0.005 | % | <0.005 | % |
| carbonyl compounds (ACS) | complying | | complying | |
| ethanol (GC) | max. 0.01 | % | <0.01 | % |
| methanol (GC) | max. 0.1 | % | <0.1 | % |
| KMnO ₄ red. matter (as O) | max. 0.0005 | % | <0.0005 | % |
| solubility in water | complying | | complying | |
| peroxides (as H ₂ O ₂) | max. 0.00034 | % | <0.00034 | % |
| reaction against H ₂ SO ₄ | complying | | complying | |



QC Release Date: 14.Sep.2021

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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