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# Specification

| Concerning Product: | |
|---|---|
| Article number | 100516QPH |
| Trade name / designation / denomination | BENZYL ALCOHOL PH |
| CAS number | 100-51-6 |
| Other names / synonyms | •BENZYL ALCOHOL; •BENZYL ALCOHOL, ACS; •BENZYL ALCOHOL, U.S.P./N.F.; •Benzyl Alcohol; •Benzyl Alcohol, NF; •Benzyl Alcohol, Reagent, ACS; •Benzyl Alcohol, Technical; •Benzyl alcohol; •Benzyl alcohol, ACS; •Benzyl alcohol-alpha,alpha-d2; |
| EC number | 202-859-9 |
| EC index number | 603-057-00-5 |
| Customs tariff number / CN code / TARIC | 29062100 |
| Molecular weight [g / mol] | 108,14 |
| Formula | C7H8O |
| **Warning** | |
| Harmful if swallowed.<br>Use only outdoors or in a well-ventilated area. | |

| Parameter | Test Method | Specification | Unit |
|---|---|---|---|
| **Organoleptic test** | | | |
| Appearance of solution | | passes test | |
| Appearance | | Clear and colorless | |
| **Physical parameter** | | | |
| Acidity/Alkalinity | | Passes test | |
| Refraction index | at20°C | 1,538 – 1,541 | |
| Peroxides ($O_2^{2-}$) | (meqO/kg) | ≤ 5,0 | |
| **Identity** | | | |
| Assay | | 98,0 – 100,5 | % |
| Identification | | passes test | |

| **Impurities** | | | |
|---|---|---|---|
| Residue on evaporation | | ≤ 0,05 | % |
| Impurity | Total peaks Tr > benzylic | ≤ 0,3 | % |
| Impurity | Total peaks Tr < benzylic | ≤ 0,04 | % |
| Impurity | Cyclohexylmethanol | ≤ 0,1 | % |
| Impurity | Benzaldehyde (C7H6O) | ≤ 0,15 | % |

**Supplemental information:**

**Shelf life:** 2 years

**Complies with monographie:** Ph.Eur.9.Ed.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 26. Mar. 2020

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