



Specialized in chemicals

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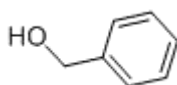
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Technical Data Sheet

Benzyl alcohol

| | |
|------------------|------------------------|
| Chemical Name | Benzyl alcohol |
| CAS # | 100-51-6 |
| EINECS | 202-859-9 |
| Formula | C7H8O |
| Molecular Weight | 108.14 |
| Synonyms | (Hydroxymethyl)benzene |

Chemical Structure



Appearance Colorless transparent liquid

Description

Colorless transparent liquid. Slightly aromatic odor. Slightly soluble in water, can be mixed with ethanol, ether, chloroform, etc.

Specification

| Items | Specification | Results |
|----------------|------------------------------|----------|
| Appearance | Colorless transparent liquid | Conforms |
| Purity (GC), % | ≥ 99.95 | 99.96 |

| | | |
|--|--------------|----------|
| Color, Hazan | ≤ 10 | <10 |
| Specific gravity, kg/m ³ (20°C) | 1.042~1.052 | 1.045 |
| Refraction Index | 1.538~1.542 | 1.540 |
| Benzyl Dehyde, % | ≤ 0.05 | 0.024 |
| Dibenzyl Ether, ppm | ≤ 500 | 16 |
| Clarity of Solution | Clear (1+30) | Clear |
| Chloride, % | ≤ 0.005 | Conforms |
| Moisture, % | ≤ 0.05 | 0.047 |
| Residue on Ignition, % | ≤ 0.005 | Conforms |
| Non-Volatile residue, % | ≤ 0.05 | Conforms |
| Acidity (Benzoic acid), % | ≤ 0.05 | Conforms |

Applications

.Used as raw material and flavoring agent, pharmaceutical raw materials and anesthetics, preservative, dyeing auxiliaries, paint and ink solvent, and used in the preparation of ball point pen oil;

Packing

210kg/iron drum
16.8tons/1*20''FCL

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