

## Technical data sheet

Product name: **Benzyl alcohol**

Grade: **USP**

Chemical formula:  $C_6H_5CH_2OH$

Molar mass: 108.14 g/mol

**Synonyms:** phenylmethanol; benzenemethanol; phenylmethanol; phenylcarbinol

| General information        |                               |
|----------------------------|-------------------------------|
| Cas- No.                   | 100-51-6                      |
| Ec-No.                     | 202-859-9                     |
| Appearance                 | clear, colorless liquid       |
| Boiling point              | 205 °C                        |
| Melting point              | -15.3 °C                      |
| Flash point                | 101°C                         |
| Spec.density               | 1.05 g/cm <sup>3</sup> (20°C) |
| Vapour pressure            | 0.13 hpa(20°C)                |
| Solub. In H <sub>2</sub> O | 40 g/l (20°C)                 |
| Storage temp               | ≤+30 °C                       |
| R:                         | 20-22                         |
| S:                         | 26                            |

| Specification            |             |
|--------------------------|-------------|
| Assay (GC)               | 98.0-100.5% |
| Identity(IR)             | conforms    |
| Appearance               | conforms    |
| Acidity                  | conforms    |
| Refractive index(n 20/D) | 1.538–1.541 |
| Residual Solvents        | ≤0.05%      |
| Peroxid value            | ≤5          |
|                          |             |
|                          |             |
|                          |             |
|                          |             |

**Symbol:**



**packaging:**

| Available Pack | 1 lit | 2/5 lit | 5 lit | 10 lit | 20 lit |
|----------------|-------|---------|-------|--------|--------|
| GLASS          | *     | *       | -     | -      | -      |
| P.E            | -     | -       | -     | -      | -      |