

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

| | |
|---------------------------|--|
| Catalogue Number | 44700 |
| Lot Number | A0478027 |
| Description | Benzyl alcohol, specified according to requirements of Ph.Eur. |
| CAS Number | 100-51-6 |
| Quality Test/Release Date | 26/Nov/2025 |
| Suggested retest date | 26/Nov/2027 |
| Country of Origin | NETHERLANDS |
| Declaration of Origin | synthetic |
| BSE/TSE | Not directly derived from or manufactured with any animal byproducts in any way (Including but not limited to fermentation or nutrient broth, catalysts, enzymes). |

| Result Name | Units | Specifications | Test Value |
|---------------------------|-------|---|---|
| Appearance (Color) | | Clear colorless | Clear colorless |
| Appearance (Form) | | Oily liquid | Oily liquid |
| Infrared spectrum | | Conforms | Conforms |
| Appearance of solution | | Clear colorless | Clear colorless |
| Acidity | | Passes test | Passes test |
| Refractive index | | 1.5380 to 1.5410 (20°C, 589 nm) | 1.5409 (20°C, 589 nm) |
| Peroxide value | | =<5 | =<5 |
| Assay | % | 98.0 to 100.5 | 99.9 |
| Residue after evaporation | % | =<0.05 | 0.0197 |
| Related substances | % | =<0.15 (Benzaldehyde) | 0.004 (Benzaldehyde) |
| Related substances | % | =<0.10 (Cyclohexylmethanol) | =<0.05 (Cyclohexylmethanol) |
| Related substances | | =<0.04 (Sum of other peaks with relative retention) | =<0.01 (Sum of other peaks with relative retention) |
| Related substances | | less than that of benzylalcohol) | less than that of benzylalcohol) |
| Related substances | % | =<0.3 (Sum of other peaks with relative retention) | =<0.02 (Sum of other peaks with relative retention) |
| Related substances | | greater than that of benzylalcohol) | greater than that of benzylalcohol) |

Geert Torfs
Supervisor, QC

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.