



Spezifikation

Produktbezug:	
Produktnummer	100516HPE
Handelsname / Bezeichnung	Benzylalkohol, EP
CAS Nummer	100-51-6
Andere Bezeichnungen / Synonyme	•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;
EG Nummer	202-859-9
EG-Index-Nummer	603-057-00-5
Zolltarifnummer / CN-Code	29062100
Molekulargewicht [g/mol]	108,14
Formel	C7H8O
Achtung	
Gesundheitsschädlich bei Verschlucken. Gesundheitsschädlich beim Einatmen. Nur im Freien oder in gut belüfteten Räumen verwenden.	

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung	Nephelometry- C204102	2 ml/60 ml H ₂ O: ≤ 3	NTU
Aussehen		klar und farblos	
Physikalische Parameter			
Brechungsindex	EP – USP/NF	1,538 – 1,541	
Form (Aggregatzustand)		Flüssigkeit	
Trocknungsverlust	Karl Fisher – C204103	≤ 0,1	%
Peroxid (O ₂ ²⁻)	EP – USP/NF	≤ 5	meq O ₂ /kg
Relative Dichte	A.10.02 (@20°C)	1,043 – 1,049	
Identifikation			
Gehalt	GC – C204106	98,0 – 100,5	%
Identifizierung		IR Spektrum: entspricht	
Verunreinigungen			
Verdunstungsrückstand	EP – USP/NF	≤ 0,05	%
Verunreinigung	GC – C204106	Benzaldehyde: ≤ 0,05	%
Verunreinigung	GC – C204106	Chlorinated compounds: ≤ 0,005	%
Verunreinigung	GC – C204106	Dibenzyloxide: ≤ 0,01	%
Verunreinigung		Impurity A (benzaldehyde): ≤ 0,15	%
Verunreinigung		Impurity B (cyclohexylmethanol): ≤ 0,10	%
Verunreinigung		Impurity Rt < BOH: ≤ 0,04	%
Verunreinigung		Impurity Rt > BOH: ≤ 0,3	%
Elementare Verunreinigungen			
Eisen (Fe)	Photometry – C204101	≤ 0,0001	ppm

Chemische Werke Hommel GmbH & Co.KG

Dieses Dokument wurde elektronisch erzeugt und ist ohne Unterschrift gültig.

Waltrop, 04. Aug. 2019

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts of the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.