



Certificate of Analysis

Product	Benzyl Alcohol
Batch	9222/13
Best Before	01/2024
CAS	100-51-6
Colour	Clear

TESTS AND TEST RESULTS

<u>Parameter</u>	<u>Specification</u>	<u>Result</u>
CHARACTERS		
Aspect	Clear colourless, oily liquid	Complies
Relative density	1,043 – 1,049	1,047
IDENTIFICATION		
Infrared	Comparison: Ph. Eur. reference spectrum of benzyl alcohol	Complies
TESTS		
Appearance of solution	The solution is clear	Complies
Appearance of solution	The solution is colourless	Complies
Acidity	NMT 1 mL of 0,1 M NaOH is required to change the colour of the indicator to pink	0,05 mL
Refractive index	1,538 – 1,541	1,5410
Peroxide value	Maximum 5	3,8
Related substances	Benzylaldehyde: maximum 0,15 %	0,001 %
Related substances	Cyclohexylmethanol: maximum 0,10 %	Not detected
Related substances	Sum of other peaks with a relative retention less than that of benzylalcohol: maximum 0,04 %	0,0005 %
Related substances	Sum of other peaks with a relative retention greater than that of benzylalcohol: maximum 0,3%	Not detected
Residue on evaporation	Maximum 0,05 % (5 mg)	0,001 % (0,1 mg)
ASSAY		
Assay	98,0 – 100,5 %	99,0 %

Revision date: June 2021