

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**AL0175_24702003/1**

Product	1-Butanol, HPLC grade	Batch	24702003
AL0175		Quality release date	15/04/2024
		Expiry date	04/2029
Analysis		Batch value	Specifications
Assay (G.C.)		99,91 %	≥ 99,8
Identity (IR-Spectrum)		passes test	passes test
Density (20°/4°)		0,8097 g/mL	0,809 - 0,810
Acidity		0,00003 meq/g	≤ 0,0002
Alkalinity		< 0,0002 meq/g	≤ 0,0002
Residue on evaporation		0,0001 %	≤ 0,0002
Water (K.F.)		0,0177 %	≤ 0,1
UV spectroscopy in a 1,0 cm cell:			
min. transmission at 210 nm		34,76 %	≥ 20
min. transmission at 220 nm		62,07 %	≥ 50
min. transmission at 245 nm		93,13 %	≥ 90
max. absorbance at 210 nm		0,459 AU	≤ 0,699
max. absorbance at 220 nm		0,207 AU	≤ 0,301
max. absorbance at 245 nm		0,031 AU	≤ 0,046

Microfiltered through membranes of pore diameter 0,22 µm.
For laboratory use only.

Results marked with # are out of specifications.
This certificate does not exempt the user from checking the results upon receipt of the goods.
Any copy of our CoA may be obtained from our website at www.scharlab.com

Marta Martinez Casals
Laboratory Technician