

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product	1-Butanol, HPLC grade	Batch	20562403
AL0175		Quality release date	17/02/2020
		Expiry date	02/2025
Analysis		Batch value	Specifications
Assay (G.C.)		99,93 %	≥ 99,8
Identity (IR-Spectrum)		passes test	passes test
Density (20°/4°)		0,8098 g/mL	0,809 - 0,810
Acidity		0,00001 meq/g	≤ 0,0002
Alkalinity		0,00001 meq/g	≤ 0,0002
Residue on evaporation		0,0001 %	≤ 0,0002
Water (K.F.)		0,0143 %	≤ 0,1
UV spectroscopy in a 1,0 cm cell:			
min. transmission at 210 nm		48,84 %	≥ 20
min. transmission at 220 nm		76,05 %	≥ 50
min. transmission at 245 nm		91,44 %	≥ 90
max. absorbance at 210 nm		0,381 AU	≤ 0,699
max. absorbance at 220 nm		0,159 AU	≤ 0,301
max. absorbance at 245 nm		0,046 AU	≤ 0,046

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