

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product	Phenol red, indicator, ACS	Batch	20260301
RO0130		Quality release date	28/10/2019
		Expiry date	10/2029
Analysis	Batch value	Specifications	
pH range (yellow-red)	6,8 - 8,2	6,8 - 8,2	
Clarity of solution	passes test	passes test	
Absorption maximum λ 1 (pH 1,2)	504 nm	503 - 506	
Absorption maximum λ 2 (pH 3,0)	431 nm	430 - 435	
Absorption maximum λ 3 (pH 6,5)	431 nm	430 - 435	
Absorption maximum λ 4 (pH 8,8)	558 nm	557 - 560	
Absorptivity (A1%/1 cm; λ 1, on dried sample)	1036	900 - 1100	
Absorptivity (A1%/1 cm; λ 2; on dried sample)	700	500 - 700	
Absorptivity (A1%/1 cm; λ 3, on dried sample)	700	500 - 700	
Absorptivity (A1%/1 cm; λ 4, on dried sample)	1200	1000 - 1200	
Insoluble in C ₂ H ₅ OH	passes test	passes test	
Copper (Cu)	< 0,005 %	≤ 0,005	
Iron (Fe)	< 0,005 %	≤ 0,005	
Lead (Pb)	< 0,005 %	≤ 0,005	
Nickel (Ni)	< 0,005 %	≤ 0,005	
Loss on drying (110 °C)	0,94 %	≤ 5	

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.comSara Garcia Maldonado
Laboratory Technician