

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product Methyl red, C.I. 13020, indicator

Batch 19602201

RO0150

Quality release date 26/02/2019

Expiry date 02/2029

Analysis	Batch value	Specifications
pH range (red-violet to brownish-yellow)	4,5 - 6,2	4,5 - 6,2
Absorption maximum λ_1 (pH 4,5)	523 nm	523 - 526
Absorption maximum λ_2 (pH 6,2)	433 nm	427 - 437
Absorptivity (A1%/1 cm; λ_1 ; pH 4,5 on dried sample)	1480	1380 - 1480
Absorptivity (A1%/1 cm; λ_2 ; pH 6,2 on dried sample)	783	700 - 800
Transition range acc. ACS	passes test	passes test
Loss on drying (110 °C)	2,34 %	≤ 5