

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product Methyl orange, C.I. 13025, indicator, ExpertQ®, ACS

Batch 19784701

AN0073

Quality release date 06/05/2019

Expiry date 04/2029

Analysis	Batch value	Specifications
Appearance of solution	passes test	passes test
pH range (pink to orange-yellow)	3,2 - 4,4	3,2 - 4,4
Visual transition interval	passes test	passes test
Absorption maximum λ_1 (pH 3,1)	503 nm	501 - 504
Absorption maximum λ_2 (pH 4,4)	467 nm	467 - 471
Absorptivity (A1%/1 cm; λ_1 ; pH 3,1 on dried sample)	1050	1050 - 1150
Absorptivity (A1%/1 cm; λ_2 ; pH 4,4 on dried sample)	755	750 - 850
Loss on drying (110 °C)	< 5 %	≤ 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.com

M. Canet
Laboratory Manager