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## 1.03055.0010 Dimethylyellow (C.I. 11020) indicator

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	Spec. Values
Identity (UV/VIS-Spectrum)	passes test
Melting point	110 - 116 °C
Transition range	pH 3.0 - pH 4.0 Pink - brownish-yellow
Absorption maximum $\lambda$ 1 (buffer pH 3.0)	508 - 511 nm
Absorption maximum $\lambda$ 2 (buffer pH 4.0)	455 - 460 nm
Absorption maximum $\lambda$ 3 (Ethanol)	403 - 407 nm
Spec. Absorptivity A 1%/1cm ( $\lambda_{3\max}$ ; 0.005 g/l; ethanol; calc. on dried substances)	1100 - 1300
Loss on drying (40 °C; $\bar{u}$ 1 hPa)	$\leq$ 5 %

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responsible laboratory manager quality control

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