

Product Name : Methyl Red, C.I. 13020 Indicator

Product Code : M2135-0

CAS Number : 493-52-7

Formula : $C_{15}H_{15}N_3O_2$

M. wt : 269.31 g/mol

Packing : 25 g, 100 g

Parameter	Specification
pH range (red-violet to brownish-yellow)	4.5 - 6.2
Absorption maximum I1 (pH 4.5)	523 - 526 nm
Absorption maximum I2 (pH 6.2)	427 - 437 nm
Absorptivity (A1 % 1 cm; I1, pH 4.5 on dried material)	1380 - 1480
Absorptivity (A1 % 1 cm; I1, pH 6.2 on dried material)	700 - 800
Transition range acc. ACS	passes test
Loss on drying (100 °C)	max. 0.5 %

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