

Certificate of Analysis

Date of Testing: 2023-03-29 09:59:35

Date of Next Testing: 2027-03-28 09:59:35

Product Name: **Methyl Red sodium salt**

CAS Number: 845-10-3

Specifications & Purity: ACS, $\geq 95\%$

Lot #: C2324117

SKU #: **M102297**

Version **0**

Analysis #: **180500**

Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Extinction Coefficient λ : 256 - 260 nm	≥ 8000	8155.00
Extinction Coefficient λ : 430 - 440 nm	≥ 17000	17500.00
Purity	95-100 (%)	99.66 %
Appearance (M102297)	red to brown powder	red to brown powder
PH color field visual transition interval	pH 4.2 (red) to pH 6.2 (yellow)	pH 4.2 (red) to pH 6.2 (yellow)
Solubility in H ₂ O, clear (0.1% in water)	pass	Pass
Visual transition interval, H 5.5 Orange	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



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