

Certificate of Analysis

Date of Testing: 2022-11-11 11:29:27

Date of Next Testing: 2026-11-10 11:29:27

Product Name: **Methyl Red sodium salt**

CAS Number: 845-10-3

Specifications & Purity: ACS reagent, 95 %

Lot #: K2204915

SKU #: **M102297**

Analysis: **129569**

Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Extinction Coefficient λ : 256 - 260 nm	≥ 8000	8100.20
Extinction Coefficient λ : 430 - 440 nm	≥ 17000	17012.50
Purity	95-100 (%)	99.67 %
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
Appearance (M102297)	red to brown powder	red to brown powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager