

# Product Specification

## Methyl Red TS, 0.1% (w/v) Alcoholic Solution

Lot Number: SAMPLE

Product Number: 5045

Manufacture Date: N/A

Expiration Date: N/A

Name	CAS#	Grade
Ethyl Alcohol	64-17-5	Reagent
Methyl Alcohol	67-56-1	Reagent
Methyl Red Hydrochloride	63451-28-5	ACS

Test	Specification	Result
Appearance	Red liquid	N/A
Suitability for Use	Pink (pH < 4.2) - Yellow (pH > 6.2)	N/A

Specification	Reference
Methyl Red Indicator Solution (1 g/L)	ASTM (D 1091)
Methyl Red Indicator Solution	ASTM (D 128)
Methyl Red Indicator, 0.1%	EPA (SW-846) (9080)
Methyl Red Indicator Solution (1 g/L)	ASTM (E 200)
Methyl Red Indicator Reagent Solution	ACS (N/A)
Methyl Red TS	USP (N/A)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
5045-4	120 mL natural poly	18 months
5045-16	500 mL natural poly	18 months

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."