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Product Specification

Universal Indicator, pH 4 - 10

Lot Number: SAMPLE Product Number: R8871000

Manufacture Date: N/A
Expiration Date: N/A

Reagent Alcohol consists of 90% Ethanol (C_2H_5OH), CAS No. 64-17-5, 5% Methanol (CH_3OH), CAS No. 67-56-1, and 5% Isopropyl Alcohol ($CH_3CHOHCH_3$), CAS No. 67-63-0.

Color changes: Rose Red (pH 4) Peach (pH 5) Yellow (pH 6) Yellow - Green (pH 7) Blue - Green (pH 8) Blue (pH 9) Violet (pH 10)

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Ethyl Alcohol	64-17-5	ACS
Isopropyl Alcohol	67-63-0	ACS
Methyl Alcohol	67-56-1	ACS
Naphtholphthalein	596-01-0	Purified
Phenolphthalein	77-09-8	ACS
Bromothymol Blue Sodium Salt	34722-90-2	ACS
Methyl Red, Sodium Salt	845-10-3	ACS
Sodium Hydroxide	1310-73-2	Reagent

Test	Specification	Result
Appearance	Dark colored liquid	N/A
Suitability for Use	Color Changes OK	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)
R8871000-120C	120 mL amber glass	12 months
R8871000-20F	20 L Cubitainer®	12 months

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

Version: 1.3 Lot Number: SAMPLE Product Number: R8871000 Page 1 of 2

