

# Product Specification

## Phenolphthalein Indicator, 1% (w/v) in 95% (v/v) Alcohol, Neutralized

**Lot Number:** SAMPLE

**Product Number:** 5620

**Manufacture Date:** N/A

**Expiration Date:** N/A

This product has a slight color because it has been purposely neutralized to eliminate any acidic blank.

Name	CAS#	Grade
Ethyl Alcohol	64-17-5	Reagent
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Hydroxide	1310-73-2	Reagent
Methyl Alcohol	67-56-1	Reagent
Phenolphthalein	77-09-8	ACS

Test	Specification	Result
Appearance	Colorless to slightly pink liquid	N/A
Suitability for Use	Colorless (pH 8.0) - Pink (pH 10.0)	N/A

Specification	Reference
Phenolphthalein Indicator Solution (10 g/L)	ASTM (D 512 B)
Phenolphthalein indicator	TAPPI (T 625 cm-85)
Phenolphthalein indicator solution	TAPPI (T 621 cm-71)
Phenolphthalein indicator	TAPPI (T 607 cm-84)
Phenolphthalein Indicator Solution	EPA (SW-846) (9253)
Phenolphthalein	TAPPI (T 610 sp-97)
Phenolphthalein indicator	TAPPI (T 602 cm-97)
Phenolphthalein, 1% alcoholic solution	ASTM (D 2619)
Phenolphthalein Indicator Solution	ASTM (D 1093)
Phenolphthalein Indicator Solution (10 g/L)	ASTM (E 200)

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)
5620-4	120 mL natural poly	24 months
5620-32	1 L natural poly	24 months
5620-5	20 L Cubitainer®	24 months
5620-8	250 mL natural poly	24 months
5620-1	4 L natural poly	24 months
5620-16	500 mL natural poly	24 months
5620-55	55 gal drum	24 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."