



CARBON DIOXIDE TEST KIT

MODEL PCO-DR • CODE 7297-DR

QUANTITY	CONTENTS	CODE
15 mL	*Phenolphthalein Indicator, 1%	*2246-E
60 mL	*Carbon Dioxide Reagent B	*4253DR-H
1	Direct Reading Titrator, 0-50 Range	0380
1	Test Tube, 5-10-12.9-15-20-25 mL, glass, w/cap	0608

***WARNING:** Reagents marked with a * are considered to be potential health hazards. To view or print a Material Safety Data Sheet (MSDS) for these reagents see MSDS CD or www.lamotte.com. To obtain a printed copy, contact LaMotte by email, phone or fax.

To order individual reagents or test kit components, use the specified code number.

Read Direct Reading Titrator Instruction Manual before proceeding.

WARNING! This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision

PROCEDURE

1. Fill test tube (0608) to 20 mL line with sample water.
NOTE: For best results test on freshly obtained sample, and avoid splashing or prolonged contact with air.
2. Add 2 drops of *Phenolphthalein Indicator, 1% (2246). If solution remains colorless, proceed to Step 3. If solution turns red, no free carbon dioxide is present.
3. Fill Direct Reading Titrator (0380) with *Carbon Dioxide Reagent B (4253DR). Insert Titrator into center hole of titration tube cap.
4. While gently swirling the tube, add *Carbon Dioxide Reagent B (4253DR), one drop at a time, until a faint pink color is produced and persists for 30 seconds. Read test result directly from the scale where the large ring on the Titrator meets the Titrator barrel. Record as ppm Carbon Dioxide.

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