

Materials List for:

Assessment of Labile Organic Carbon in Soil Using Sequential Fumigation Incubation Procedures

Michael A. Blazier¹, Hal O. Liechty²

¹Hill Farm Research Station, Louisiana State University Agricultural Center

²School of Forestry and Natural Resources, University of Arkansas at Monticello

Correspondence to: Michael A. Blazier at MBlazier@agcenter.lsu.edu

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Materials

Name	Company	Catalog Number	Comments
Soil auger sampling kit	JMC	PN039	Several other manufacturers of punch augers are available
Parafilm	Curwood	PM999	
Aluminum weighing boats	Fisherbrand	08-732-103	
General purpose drying oven	Fisher Scientific	15-103-0511	Many other manufacturers of general purpose laboratory ovens are available
10.5 L vacuum desiccator	Corning	3121-250	
Glass scintillation vial	Wheaton	968560	
Glass threaded vials, 41 ml	Fisherbrand	03-339-21N	
Chloroform, stabilized with amylenes	Sigma-Aldrich	67-66-3	
Boiling chips	Fisher Scientific	S25201	
Glass rod	Fisherbrand	S63449	
Size 10 rubber stopper	Fisherbrand	14-130P	Rubber stoppers can be purchased as solid and drilled in center to install glass rod or bought with a hole to insert glass rod
Wide-mouth PPCO bottle, 0.5 L	ThermoScientific	3121050016	
Sodium hydroxide, reagent grade	Sigma-Aldrich	S5881	
Barium chloride	Sigma-Aldrich	202738	
Phenolphthalein indicator	Fisher Scientific	S25466	
Hydrochloric acid solution, 0.1 N	Fisher Scientific	SA54-4	