

Materials List for:

Calibrated Passive Sampling - Multi-plot Field Measurements of NH₃ Emissions with a Combination of Dynamic Tube Method and Passive Samplers

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Materials

Name	Company	Catalog Number	Comments
stainless steel Dräger chamber + soil rings	Fa. Hofmann GmbH, Metallindustriewerk, Kiel, Germany	no number	
roofs and stainless steel rod for passive sampler	Fa. Hofmann GmbH, Metallindustriewerk, Kiel, Germany	no number	
ammonia electrode + bench	Thermo scientific	Cat. No. 9512BNWP or 951201	
ammonia electrode filling solution	Thermo scientific	Cat. No. 951202	
Ammonia calibration standards; 0.1 M ammonia chloride standard	Thermo scientific	Cat. No. 951006	
Dräger pumps	Draeger Safety AG& Co Kg		
Dräger tubes	Draeger Safety AG& Co Kg	types: 0.25/a; 2/a; 5/a	
acid resistant passive sampling bottles (Azlon bottle, HDPE)	Dunn Labortechnik GmbH	Cat.No.: BGE230P	
small vials (scintillation bottles PE 60 mm x 27 mm)	any laboratory store		
PTFE tubing 7 mm x 1 mm WDG	any laboratory store		
connectors PP Y-Form 6-7 mm	any laboratory store		