

Activated Charcoal Tube Type NIOSH

Order No. 67 28 631

Application Range

Adsorbate	organic compounds which adsorb on activated charcoal
Sorption agent	coconut shell charcoal
Adsorption layer	100 mg
Backup layer	50 mg
Tube length	70 mm
Outside diameter	6 mm
Inside diameter	4 mm

Advice for sample-taking

The air to be analysed must be drawn through the tube at a constant flow rate between 0.01 and 0.2 L/min. During sampling the activated charcoal tube should be in a vertical position. This guarantees a constant flow of air through the activated charcoal. NIOSH points out in its regulations that the absorption capacity of activated charcoal is affected by high air humidity, which may result in pre-mature breakthrough of the substance to be measured into the control layer. After sampling the tube should be sealed with the polyethylene supplied caps.

Note concerning the analysis

The enriched volatile organic compounds are analysed in accordance with the procedures recommended by BGIA, DFG, NIOSH, OSHA and HSE.

For evaluation of the sampling tubes and systems please contact Dräger.



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