SIGMA-ALDRICH

20083-U Supelco

Carbotrap® 202

stainless steel TD tube, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea

FDS Similar Products

Conditionnement - SKU	Disponibilité	Prix (EUR)	Quantité
20083-U	**Seulement 1 en stock (d'autres en cours d'arrivage)** - A PARTIR DE	1,064.00	0

Commandes Bulk? AJOUTER AU PANIER

Propriétés

Related Categories	Active Sampling, Air Monitoring, Analytical/Chromatography, Sample Preparation & Purification, TD Tubes Stainless Steel, Preconditioned, Sealed in TDS3 Storage Container, Thermal Desorption Tubes, Thermal Desorption for PerkinElmer, Markes, DANI, OI-Analytical, and Shimadzu Instruments Less...
material	**stainless steel TD tube**
description	**Sealed with TDS³ Storage Container**
feature	**preconditioned**
packaging	**pkg of 10 ea**
O.D. × L	**1/4 in. × 3 1/2 in.**
matrix	**Carbotrap® 202 (Packed with Carbopack B & Carbopack C)**
	Carbotrap® B graphitized carbon black (GCB)
	Carbotrap® C graphitized carbon black (GCB)
suitability	**suitable for (C5-C20 Compounds in Air)**
compatibility	**for use with PerkinElmer, Markes, DANI, OI Analytical, and Shimadzu Instruments**

montrer moins de résultats

Description

Legal Information
Carbotrap is a registered trademark of Sigma-Aldrich Co. LLC

Informations Sécurité

Aucune information relative à la sécurité de ce produit est actuellement disponible.

Documents

Certificat d'Analyse

61055

Devis/ Commande de produits Bulk FDS

Customers Also Viewed

29745-U

Carbotrap® 202

O.D. × L 1/4 in. × 3 1/2 in., stainless steel TD tube, Sealed with Brass Endcaps, preconditioned, pkg of 10 ea

20013-U

Carbotrap® 217

stainless steel TD tube, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea

28273-U

Carbotrap® 300

stainless steel TD tube, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea

20370-U

Carbotrap® 300

stainless steel TD tube, O.D. × I.D. × L 1/4 in. × 5 mm × 7 in., preconditioned, pkg of 1 ea

30137-U

Carbotrap® 217

stainless steel TD tube, O.D. × L 1/4 × 3 1/2, unconditioned, pkg of 10 ea

Recently Viewed

20080-U

Purge/Trap K Vocarb® 3000

for use with Encon

20079-U

Modified BTEXTRAP™ M, Tekmar® 3000

20078-U

Modified BTEXTRAP™ L, Tekmar® 3000

20077-U

Modified BTEXTRAP™ M, Tekmar® 2000

20076-U

Modified BTEXTRAP™ L, Tekmar® 2000

Protocoles et articles

Articles

Thermal Desorption Tube Selection Guide

In addition to the general guidelines presented in the tables below view the technical report titled “A Tool for Selecting an Adsorbent for Thermal Desorption Applications” (1,770Kb pdf - T402025), w...
Keywords: Sample preparations

Documentation référencée

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read abstract

Adsorption/thermal desorption-GC/MS for the analysis of pesticides in the atmosphere.
M Clément et. al
Chemosphere, 40(1), undefined (2000-2-9)
An analytical methodology using Automatic Thermal Desorption (ATD) and GC/MS was developed for the determination of the pesticides alachlor, atrazine, captan, formothion, lindane and phosalone in atmospheric samples. This methodology was developed to...Read More

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Evaluation of solid adsorbent materials for cryogen-free trapping-gas chromatographic analysis of atmospheric C2-C6 non-methane hydrocarbons.
Jan Pollmann et. al
Journal of chromatography. A, 1134(1-2), undefined (2006-10-3)
Nine commercial solid adsorbent materials (in order of decreasing surface area: Carboxen 1000, Carbosieve S III, molecular sieve 5A, molecular sieve 4A, silica gel, Carboxen 563, activated alumina, Carbotrap and Carboxen 1016) were investigated for t...Read More

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Detection of potato brown rot and ring rot by electronic nose: from laboratory to real scale.
E Biondi et. al
Talanta, 129, undefined (2014-8-17)
A commercial electronic nose (e-nose) equipped with a metal oxide sensor array was trained to recognize volatile compounds emitted by potatoes experimentally infected with Ralstonia solanacearum or Clavibacter michiganensis subsp. sepedonicus, which ...Read More

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Comparative study of the adsorption performance of an active multi-sorbent bed tube (Carbotrap, Carbopack X, Carboxen 569) and a Radiello(®) diffusive sampler for the analysis of VOCs.
E Gallego et. al
Talanta, 85(1), undefined (2011-6-8)
A simple comparison is made to evaluate the relative performance of active and passive sampling methods for the analysis of volatile organic compounds (VOCs) in ambient air. The active sampling is done through a multi-sorbent bed tube (Carbotrap, Car...Read More

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Urinary excretion of unmetabolized benzene as an indicator of benzene exposure.
S Ghittori et. al
Journal of toxicology and environmental health, 38(3), undefined (1993-3-1)
Benzene concentrations in urine samples (Cu, ng/L) from 110 workers exposed to benzene in chemical plants and gasoline pumps were determined by injecting urine supernate into a gas chromatograph. The urine was saturated with anhydrous N2SO4 to facili...Read More

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Using mesoporous silica MCM-41 for in-line enrichment of atmospheric volatile organic compounds.
Tung-Min Wu et. al
Journal of chromatography. A, 1105(1-2), undefined (2005-10-8)
A mesoporous silica MCM-41 with pore size of 29A was synthesized and assessed for its applicability as a sorbent for in-line trapping of volatile organic compounds (VOCs) from air samples. Several commercially available microporous carbon molecular s...Read More

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Characterization and determination of the odorous charge in the indoor air of a waste treatment facility through the evaluation of volatile organic compounds (VOCs) using TD-GC/MS.
E Gallego et. al
Waste management (New York, N.Y.), 32(12), undefined (2012-8-14)
Municipal solid waste treatment facilities are generally faced with odorous nuisance problems. Characterizing and determining the odorous charge of indoor air through odour units (OU) is an advantageous approach to evaluate indoor air quality and dis...Read More

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[A method for measuring urinary concentrations of benzene. Its use in monitoring of subjects exposed to low levels].
M L Fiorentino et. al
La Medicina del lavoro, 81(2), undefined (1990-3-1)
Benzene is a widely diffuse solvent (atmosphere, cigarette smoke, some foods); in the industrial environment benzene is currently present at concentrations of ppm. A valid method of biological monitoring that is easy to perform is needed for assessin...Read More

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Automated measurement and calibration of reactive volatile halogenated organic compounds in the atmosphere.
David J Wevill and Lucy J Carpenter
The Analyst, 129(7), undefined (2004-6-24)
The automated calibration and analysis of very low mixing ratios of the reactive volatile organic halocarbons CH(3)I, CHCl(3), C(2)H(5)I, 2-C(3)H(7)I, CH(2)Br(2), CH(2)ClI, CHBr(2)Cl, 1-C(3)H(7)I, CH(2)BrI, CHBr(3) and CH(2)I(2) for long term atmosph...Read More

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Measurement of volatile organic compounds by the US Environmental Protection Agency Compendium Method TO-17. Evaluation of performance criteria.
W A McClenny and M Colón
Journal of chromatography. A, 813(1), undefined (1998-8-11)
An evaluation of performance criteria for US Environmental Protection Agency Compendium Method TO-17 for monitoring volatile organic compounds (VOCs) in air has been accomplished. The method is a solid adsorbent-based sampling and analytical procedur...Read More

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Surface emission determination of volatile organic compounds (VOC) from a closed industrial waste landfill using a self-designed static flux chamber.
E Gallego et. al
The Science of the total environment, 470-471, undefined (2013-11-2)
Closed landfills can be a source of VOC and odorous nuisances to their atmospheric surroundings. A self-designed cylindrical air flux chamber was used to measure VOC surface emissions in a closed industrial landfill located in Cerdanyola del Vallès, ...Read More

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[HPLC determination of low concentrations of benzene].
S Ghittori et. al
Giornale italiano di medicina del lavoro, 10(4-5), undefined (1988-7-1)
A laboratory study, using generated atmosphere containing 0.14/23.3 mg/m3 of Benzene, was conducted to adapt an existing industrial hygiene monitoring method for measuring low concentrations of Benzene. This method was developed to determine concentr...Read More

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Metabolomics pilot study to identify volatile organic compound markers of childhood asthma in exhaled breath.
Florian Gahleitner et. al
Bioanalysis, 5(18), undefined (2013-9-24)
In-community non-invasive identification of asthma-specific volatile organic compounds (VOCs) in exhaled breath presents opportunities to characterize phenotypes, and monitor disease state and therapies. The feasibility of breath sampling with childr...Read More

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Determination of gaseous semi- and low-volatile organic halogen compounds by barrier-discharge atomic emission spectrometry.
Yifei Sun et. al
Journal of environmental sciences (China), 25(1), undefined (2013-4-17)
A group parameter approach using "total organic halogen" is effective for monitoring gaseous organic halogen compounds, including fluorine, chlorine, and bromine compounds, generated from combustion. We described the use of barrier-discharge radiofre...Read More

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Comparative study of the adsorption performance of a multi-sorbent bed (Carbotrap, Carbopack X, Carboxen 569) and a Tenax TA adsorbent tube for the analysis of volatile organic compounds (VOCs).
E Gallego et. al
Talanta, 81(3), undefined (2010-3-20)
A comparison between two types of adsorbent tubes, the commonly used Tenax TA and a multi-sorbent bed (Carbotrap, Carbopack X, Carboxen 569) tube developed in our laboratory, has been done to evaluate their usefulness in the analysis of VOCs in ambie...Read More
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