

Atlantic® & Pacific® Disk Selection Guide

| Compounds | Disk Description | Part Number | Methods | Selected Application Notes |
|---|--|-------------|---|--|
| <ul style="list-style-type: none"> » Pesticides » bisphenol A » general SVOCs » PDBEs » herbicides » PAHs » carbonyls » dioxins » furans | Atlantic® C-18 Disks, 47 mm | 47-2346-02 | US EPA Methods 506, 508.1, 525.2, 532, 539, 550.1 554, 608.3, 1613, 1614, 1668, 8061, 8081, 8082. Chinese SL-392-2007, EN16693, EN16694 | <ul style="list-style-type: none"> » AN019-HOR Determination of organochlorine pesticides and PCBs in wastewater using Atlantic® C18 SPE Disks for EPA Method 608 » AN072-HOR Determination of PAH compounds from water samples using a non-Halogenated Extraction Solvent and Atlantic® C18 Disks » AN055-HOR Determination of PBDEs in River Water using automated SPE and Atlantic® C18 SPE Disks in conformance with EU Standards at IRSA » AN109-HOR Determination of semivolatiles in water using automated disk SPE and GC/MS using Chinese Environmental Agency Method SL-392-2007 |
| <ul style="list-style-type: none"> » Pesticides » bisphenol A » general SVOCs » PBDEs » herbicides » PAHs » carbonyls » dioxins » furans | Atlantic® High Capacity C18 Disks, 47 mm | 47-2346-13 | US EPA Methods 506, 508.1, 525.2, 532, 539, 550.1, 554, 608.3, 1613, 1614, 1668, 8061, 8081, 8082, where additional capacity is needed | <ul style="list-style-type: none"> » AN101-HOR Drinking water extracting using high capacity SPE disks |
| <ul style="list-style-type: none"> » General SVOCs » PFOAs » pesticides » explosives » organophosphorus » phenols » hydrocarbons | Atlantic® DVB-D Disks, 47 mm | 47-2346-06 | US EPA Methods 525.3, 526, 527, 528, 529, 537, 8015, 8141, 8330, 8095, 8270, 8321, EN16691 | <ul style="list-style-type: none"> » AN002-HOR Automated SPE disk extraction method for the Analysis of nonylphenol and bisphenol A in water samples » AN037-HOR Determination of dispersed oil in water using automated SPE in compliance with OSPAR and ISO 9377-2 methods in Norway » AN081-HOR Determination of organic compounds in drinking water using Atlantic® DVB disks for EPA Method 525.3 » AN109-HOR Automated SPE and GC/MS analysis of whole water samples according to EN16691 for PAHs » AN110-HOR Automated SPE and GC/MS analysis of pond water samples according to EN16691 for PAHs |
| <ul style="list-style-type: none"> » Pesticides » dioxins » PAHs » furans » PCBs » PBDEs » PPCPs » phthalate esters | Atlantic® HLB-L Disks, 47 mm | 47-2346-08 | US EPA Methods 608.3, 1613, 1614, 1668, 1694, 8061, 8081, 8082 and any other method where C18 is used and an improved medium is desired | <ul style="list-style-type: none"> » AN001-HOR Determination of endocrine disrupting hormones in drinking and wastewater using Atlantic® HLB SPE disk |
| <ul style="list-style-type: none"> » Pesticides » dioxins » PAHs » furans » PCBs » PDBEs » PPCPs » phthalate esters | Atlantic® HLB-M Disks, 47 mm | 47-2346-09 | US EPA Methods 608.3, 1613, 1614, 1668, 1694, 8061, 8081, 8082 and any other method where C18 is used and an improved medium is desired | <ul style="list-style-type: none"> » AN065-HOR Determining poly-aromatic hydrocarbons in seawater using automated SPE » AN067-HOR Extracting organochlorine pesticides from water with Atlantic® HLB-M disks (EPA Method 8081) |

| Compounds | Disk Description | Part Number | Methods | Selected Application Notes |
|---|---------------------------------|--------------|---|---|
| <ul style="list-style-type: none"> » Pesticides » dioxins » PAHs » furans » PCBs » PDBEs » PPCPs » phthalate esters | Atlantic® HLB-H Disks, 47 mm | 47-2346-10 | US EPA Methods 608.3, 1613, 1614, 1668, 1694, 8061, 8081, 8082 and any other method where C18 is used and an improved medium/higher capacity is desired | <ul style="list-style-type: none"> » AN061-HOR Determining pharmaceuticals and personal care products in aqueous matrices in water by automated SPE » AN078-HOR Determination of monocrotophos, diazinon, malathion, EPN and methamidaphos form aqueous samples using Atlantic® HLB SPE disks |
| <ul style="list-style-type: none"> » General SVOCs | Atlantic® One Pass Disks, 47 mm | 47-2346-11 | US EPA Methods 625.1, 8270, other methods where a suite of diverse compounds of differing polarity need to be extracted | <ul style="list-style-type: none"> » AN069-HOR Streamlining sample processing for semi-volatile organics using the EZ flow sediment disk holder and Atlantic® 8270 one pass disk » AN091-HOR New method US EPA 625 with SPE for challenging wastewaters |
| <ul style="list-style-type: none"> » Hexane extractable material (Oil & Grease) | Pacific® Disk Premium, 100 mm | 1664-100-PHT | US EPA Method 1664A/B, ISO 11349 and Standard Methods 5520G | <ul style="list-style-type: none"> » AN025-HOR Complying with EPA method 1664A by automated SPE using the SPE-DEX 4790 with Envision platform v1.02 » AN024-HOR Complying with EPA method 1664A by automated SPE using the SPE-DEX 1000/3000XL controller v2.2 » AN102-HOR Modern hexane-extractable material (oil & grease) analysis in wastewater samples |
| <ul style="list-style-type: none"> » Hexane extractable material (Oil & Grease) | Pacific® Disk Premium, 47 mm | 1664-47-PHT | US EPA Method 1664A/B, ISO 11349 and Standard Methods 5520G | <ul style="list-style-type: none"> » AN025-HOR Complying with EPA method 1664A by automated SPE using the SPE-DEX 4790 with Envision platform v1.02 » AN024-HOR Complying with EPA method 1664A by automated SPE extraction using the SPE-DEX 1000/3000XL controller v2.2 » AN102-HOR Modern hexane-extractable material (oil & grease) analysis in wastewater samples |
| <ul style="list-style-type: none"> » Hexane extractable material (Oil & Grease) | Pacific® Disk 1664A, 100 mm | 1664-90-HT | US EPA Method 1664A/B, ISO 11349 and Standard Methods 5520G | <ul style="list-style-type: none"> » AN102-HOR Modern hexane-extractable material (oil & grease) analysis in wastewater samples » TN010 How SPE disks differ for hexane extractable material |
| <ul style="list-style-type: none"> » Hexane extractable material (Oil & Grease) | Pacific® Disk 1664A, 47 mm | 1664-47-HT | US EPA Method 1664A/B, ISO 11349 and Standard Methods 5520G | <ul style="list-style-type: none"> » AN102-HOR Modern hexane-extractable material (oil & grease) analysis in wastewater samples » TN010 How SPE disks differ for hexane extractable material |

EUROPE

Main Office: +46 18 565900
Toll Free: +800 18 565710
Fax: +46 18 591922
Order Tel: +46 18 565710
Order Fax: +46 18 565705
order@biotage.com
Support Tel: +46 18 56 59 11
Support Fax: +46 18 56 57 11
eu-1-pointsupport@biotage.com

NORTH & LATIN AMERICA

Main Office: +1 704 654 4900
Toll Free: +1 800 446 4752
Fax: +1 704 654 4917
Order Tel: +1 704 654 4900
Order Fax: +1 434 296 8217
ordermailbox@biotage.com
Support Tel: +1 800 446 4752
Outside US: +1 704 654 4900
us-1-pointsupport@biotage.com

JAPAN

Tel: +81 3 5627 3123
Fax: +81 3 5627 3121
jp_order@biotage.com
jp-1-pointsupport@biotage.com

CHINA

Tel: +86 21 68162810
Fax: +86 21 68162829
cn_order@biotage.com
cn-1-pointsupport@biotage.com

KOREA

Tel: +82 31 706 8500
Fax: +82 31 706 8510
korea_info@biotage.com
kr-1-pointsupport@biotage.com

INDIA

Tel: +91 22 4005 3712
india@biotage.com

Distributors in other regions are listed on www.biotage.com

Literature Number: PPS544

© 2019 Biotage. All rights reserved. No material may be reproduced or published without the written permission of Biotage. Information in this document is subject to change without notice and does not represent any commitment from Biotage. E&OE. A list of all trademarks owned by Biotage AB is available at www.biotage.com/legal. Other product and company names mentioned herein may be trademarks or registered trademarks and/or service marks of their respective owners, and are used only for explanation and to the owners' benefit, without intent to infringe.