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Look inside to see the subjects in our:

- ✓ **Application Notes**—Analysis-specific information to help you improve analyses; 2-6 pages each.
- ✓ **Fast Facts**—Outline the benefits and best uses for Restek chromatography products; 2-6 pages each.
- ✓ **Technical Guides**—Identify potential problems and describe options and products to make analyses easier; 16-48 pages each.
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—APPLICATION NOTES—
Detailed analysis-specific information

- Air Monitoring**
- 59189 Use of TO-Cans for TO14/15 Methods
 - 59347 Stability Study of Low-Level (1ppb-20ppb) Reactive Sulfurs in SilcoCan Canisters
 - 59347-INT Analysis of Low-level (1ppb-20ppb) Reactive Sulfurs in Air Samples
- Clinical/Forensic**
- 59339 Analysis of Phenylpropanolamine in Cold Medicine
 - 59548 GC Analysis of Commonly Abused Inhalants Found During Blood Alcohol Analysis Using Rtx-BAC1 & 2 Columns
 - 59574 Fire Debris Analysis
 - 59575 Barbiturate Analysis
 - 59576 Opiate Analysis
 - 59598 Dual-Column Confirmational GC Analysis of Blood Alcohols Using the Rtx-BAC1 and Rtx-BAC2
- Environmental**
- 59101 GC Analysis of US EPA Method 619 Triazine Herbicides Using Rtx-CLP & CLP2 Columns
 - 59110 CarboPrep Cleanup of Method 8081A Chlorinated Pesticides
 - 59111 Minimizing Breakdown of Chlorinated Pesticides Using Siltek-Deactivated GC Accessories
 - 59113 Siltek Deactivation Delivers Inertness to Analyte Breakdown and Durability
 - 59120 Rtx-CLPesticides & Rtx-CLP2 Columns: The Ideal Confirmational Pair for Analyzing PCBs
 - 59125 Rtx-5Sil MS and Semi-Volatiles
 - 59131 The Rtx-5Sil MS Column Provides the Best Resolution for GRO Compounds in Alaska Method AK101AA
 - 59142 CarboPrep SPE Cleanup of Method 8141A OPP and Herbicides
 - 59150 Optimizing Massachusetts Volatile Organic Petroleum Hydrocarbon GC Analysis
 - 59162 Fewer Coelutions & Faster GC Analysis of EPA Method 8095 Explosives by GC Using Rtx-TNT Columns
 - 59175 GC/ECD Analysis of Haloacetic Acids in Water Samples (US EPA 552.2) Using Rtx-CLPesticides & CLPesticides2 Columns
 - 59187 Techniques to Optimizing GC Analysis of Ethylene Glycol in Water
 - 59190 Separating *m*- and *p*-Xylene isomers by US EPA Method 8260 Using Rtx-200 GC Column
 - 59191 Optimizing Volatiles Analysis by GC/MS Detection Using an Rtx-VMS Column
 - 59196A Analysis of PAHs Using Rtx-5Sil MS and CLP2 Capillary Columns (EPA 8100)
 - 59343 Fast Analysis of Dioxin and Related Compounds Using an Rtx-5MS Column
 - 59345 Resolving Oxygenates from Gasoline Additives Using the Rtx-VGC Column
 - 59351B Stx-CLPesticides Columns Provide Improved System Inertness for Chlorinated Pesticides Analyses
 - 59359 Improved Analysis of Organophosphorus Pesticides Using an Rtx-OPPesticides Column
 - 59361 HPLC Analysis of Trace-Level Explosives Using Pinnacle II C18 and Cyano Columns
 - 59539 GC Analysis of US EPA Method 504.1 Using Rtx-CLP Columns
 - 59544 SPE Environmental Oil & Grease Extraction Using Disks
 - 59547 GC Analysis of US EPA Method 8081 Chlorinated Pesticides Using Rtx-CLPesticides & Rtx-CLPesticides2 Columns
 - 59550 Sample Preparation and Analysis of Organo Tin Compounds
 - 59556 Analysis of Priority Pollutants
 - 59557 SPE Extraction for EPA Methods 525.1
 - 59563 Extraction of Paraquat & Diquat from Water Using Resprep C8-47 Extraction Disks
 - 59564 Extraction of PCBs Using Resprep C18-47 SPE Disks and Resprep-6D
 - 59559A Optimizing Chlorophenoxy Herbicides Analysis Using Rtx-CLPesticides and Rtx-CLPesticides2 Columns
 - 59562A Florisil Cleanup—Organochlorine Pesticides & PCBs
 - 59565A Extraction of PAHs Using Resprep C18-47 SPE Disks and Resprep 6D Extraction System
- Foods & Flavors**
- 59128 Determination of Omega-3 and Omega-6 Fatty Acid Composition in Oils
 - 59186 HPLC Analysis of Vanillin and Ethyl Vanillin in Vanilla Flavors
 - 59199 Analyzing the Heat Level of Spicy Foods Using an Ultra C18 HPLC Column
 - 59335 HPLC Analysis of Glucosinolates
 - 59348 Monitoring Volatile Compounds in Food Contact Packaging by Purge & Trap GC/MS & an Rtx-5MS Column
 - 59358 Determining Sulfur Impurities in Beverage-Grade Carbon Dioxide Using an Rt-XLSulfur Micropacked Column
 - 59398 HPLC Analysis of Preservatives
 - 59546 The Analysis of Chiral Flavor Compounds in Apple Juices using the Rt-βDEXsm & Rt-βDEXse Columns
 - 59553 Grape Flavor Analysis Rt-γDEXsa
 - 59579 Analyze Flavor Volatiles in Alcoholic Beverages
 - 59581 Analysis of Cholesterol and Other Dietary Sterols
 - 59582 Optimize Detection of Synthetic and Natural Antioxidants in Foods
 - 59583 Analyzing Free Fatty Acids
 - 59584 Analyzing Fatty Acid Methyl Esters (FAMES) by Capillary GC
 - 59155B GC Analysis of Volatile Free Fatty Acids on the Stabilwax-DA Column
 - 59580A Fast, Selective Triglyceride Analysis
 - 59585A Using Computer Modeling to Optimize FAME Analysis
- Petrochemical**
- 59164A Use of Sulfinert Sample Cylinders and Tubing Increases Holding Time & Inertness for Sulfur Compounds
 - 59165 Rt-XLSulfur Packed Column for Analysis of Low-Level Sulfur Compounds in C1-C4 Hydrocarbon Streams
 - 59367 Fast, High-Temperature Sim Dist Analyses Using MXT-1/HT Sim Dist GC Column and the GC Racer
 - 59538 High Performance Molecular Sieve 5A and 13X Packed Columns for GC Separations
 - 59540 Bonded PLOT Columns for Dual-Column GC Analysis of Gases and Volatiles

- 59549 OPN & *n*-Octane on ResSil C Packing for the Separation of Hydrocarbons
- 59551 GC Analysis of Petroleum Products by Simulated Distillation, Using MXT Sim Dist Columns
- 59567 Capillary Column for Simulated Distillation of Petroleum Fractions
- 59568 Rtx-1 PONA Column for Analysis of Petroleum Products
- 59570 Rtx-1: A New Bonded Packed Column for Simulated Distillation
- 59573 Analyze Trace Level Sulfur Compounds
- 59587 Analyzing Oxygenates in Gasoline

Pharmaceutical

- 59107 European Pharmacopoeia Tests—Newly Revised for Residual Solvents
- 59107-INT European Pharmacopoeia Tests Newly Revised - international version
- 59118A Allure PFP/PFP Propyl and Ultra PFP HPLC Columns Provide Improved Analyses of Basic Compounds
- 59133 Excellent LC/MS Separation of Penicillins and Cephalosporins Using Ultra IBD Columns
- 59141 Analyze Nucleotides, Nucleosides, Purine and Pyrimidine Bases Simultaneously with the Ultra IBD Column
- 59151 Analyzing Cardiac Medications by HPLC
- 59181 Analysis of Vitamins Using Ultra C18 HPLC Columns

- 59453 HPLC Analysis of Narcotic and Analgesics
- 59510 HPLC Stationary Phase Selection for the Analysis of Steroids
- 59511A Improved Analysis of Analgesics
- 59512 The Ultra IBD Allows HPLC Separation of Polar and Non-Polar Analytes from the Same Sample
- 59545 HPLC Analysis of Basic Pharmaceutical Compounds on an Ultra Cyano Phase
- 59577B GC Analysis of Organic Volatile Impurities According to USP <467> Supplement Two of USP 24-NF 19, 8/2000

Miscellaneous

- 59108 Improved GC Analysis of Basic Organic Compounds Using Base-Deactivated Columns & Inlet Liners
- 59124 Ultra C4 HPLC Column Provides High Stability at Low pH
- 59136 INA Validates GC Methods for Saw Palmetto using Rtx-5 & Stabilwax Columns
- 59177 Analyze Polar Compounds by Reversed Phase HPLC Using Ultra Aqueous C18 HPLC Column
- 59364 Analyzing Nutraceutical Products by Liquid & Gas Chromatography
- 59552 GC/MS Analysis of Azo Dye Compounds
- 59571 The New Rtx-Wax Column
- 59578 Tech Tip - Inlet Sleeve Deact

—FAST FACTS—

brief overview outlining product features and benefits

Accessories

- 59309 Photoionization Detector (PID) Lamps
- 59324 6890 Uniliner Sleeve for HP EPC GCs
- 59720 Ice Blue Septa
- 59721 Thermolite Septa
- 59721-FRN Thermolite Septa (French)
- 59724 SilcoSleeve GC Inlet Liners

Air Monitoring

- 59276 Environmental Gas Standards
- 59311 SilcoCan Canisters
- 59312 TO-14 Air Sampling Canisters
- 59315 Ultra Clean Resin

GC Columns

- 59254 Unbreakable MXT PLOT Columns
- 59308 Rtx-1/MXT-1 Capillary Columns
- 59308-GRM Rtx-1/MXT-1 Capillary Columns (German)
- 59308-SPN Rtx-1/MXT-1 Capillary Columns (Spanish)
- 59310 Rtx-5/MXT-5 Capillary Columns
- 59310-SPN Rtx-5/MXT-5 Capillary Column (Spanish)
- 59316 Stabilwax/MXT-WAX Capillary Columns
- 59317 Rtx-1301/MXT-1301 Fast Facts
- 59319 GC Capillary Column Guard Columns
- 59320 Rtx-CLPesticides Capillary Columns
- 59322 Rtx/MXT-200 Capillary Columns
- 59323 Rtx-5Sil MS Capillary Columns
- 59327 Rt-XLSulfur Packed Columns
- 59328 Rtx-TNT and Rtx-TNT2 GC Capillary Columns
- 59329 Rtx-VMS Columns

HPLC

- 59302 HPLC and LC/MS Column Kits
- 59303 Allure Acidix HPLC Columns
- 59314 Trident Direct Guard Column System
- 59362 HPLC Accessories
- 59371 Ultra Aqueous C18
- 59385A Pinnacle II Amino Columns
- 59613B Allure C18 HPLC Columns
- 59614B Ultra IBD HPLC Columns
- 59728A HPLC Mobile Phase Accessories
- 59896 Trident Integral HPLC Guard Column System

Metal Passivation

- 59301 Silcosteel Coating (Anti-Coking)
- 59318A Sulfinert Coatings
- 59321 Silcosteel Coating

Analytical Reference Standards

- 59305 Semivolatiles Reference Materials CLP OLM 04.1 (04.2)
- 59306 Pesticides Reference Materials CLP OLM 04.1 (04.2)
- 59326 Semivolatile Organic Reference Materials
- 59326-INT Semivolatile Organic Reference Materials (International Version)
- 59332A Reference Materials for Volatile Organic Compounds

