

Chlorinated Pesticides Analysis

restek
innovation!

- Very low bleed
- Faster analysis

Rtx[®]-CLPesticides/Rtx[®]-CLPesticides2 (proprietary Crossbond[®] phases)

- Application-specific columns for organochlorine pesticides and herbicides.
- Low bleed—ideal for GC/ECD or GC/MS analyses.
- Baseline separations in less than 10 minutes.
- Stable to 340°C.

Improved resolution and faster analyses, compared to 1701 or phenyl phases, make these the pesticide columns of choice. Rtx[®]-CLPesticides columns are specially designed to overcome the coelutions and analyte breakdown typically encountered in chlorinated pesticide analyses for EPA Methods 8081, 608, and CLP. By achieving baseline resolution of the 20 target analytes, more accurate qualitative data can be obtained, providing reliable identification without GC/MS.

Column bleed, measured by ECD, is extremely low at temperatures up to 330°C, which is critical for baking-out the column to remove high-boiling compounds commonly found in pesticide/PCB extracts. An analysis time of less than 10 minutes improves throughput compared to other stationary phases.

free literature

Fast GC Analysis of Chlorinated Pesticides

Download your free copy from
www.restek.com

Flyer

lit. cat.# 59547A

Rtx[®]-CLPesticides Columns (fused silica)

ID	df (µm)	temp. limits	10-Meter	15-Meter	20-Meter	30-Meter	60-Meter
0.10mm	0.10	-60 to 310/330°C	43101				
0.18mm	0.18	-60 to 310/330°C	42101		42102		
0.25mm	0.25	-60 to 320/340°C		11120		11123	11126
0.32mm	0.32	-60 to 320/340°C			new!	11141	
	0.50	-60 to 320/340°C		11136		11139	
0.53mm	0.50	-60 to 300/320°C		11137		11140	

Rtx[®]-CLPesticides2 Columns (fused silica)

ID	df (µm)	temp. limits	10-Meter	15-Meter	20-Meter	30-Meter	60-Meter
0.10mm	0.10	-60 to 310/330°C	43301		43302		
0.18mm	0.14	-60 to 310/330°C	42301		42302		
0.25mm	0.20	-60 to 320/340°C		11320		11323	11326
0.32mm	0.25	-60 to 320/340°C		11321		11324	
	0.50	-60 to 320/340°C				11325	
0.53mm	0.42	-60 to 300/320°C		11337		11340	

Rtx[®]-CLPesticides Column Kits

(Note: Columns are not preconnected in these kits.)

0.25mm ID Rtx[®]-CLPesticides Kit cat.# 11199 (kit),

Includes:	cat.#	kit
30m, 0.25mm ID, 0.25µm Rtx [®] -CLPesticides Column	11123	
30m, 0.25mm ID, 0.25µm Rtx [®] -CLPesticides2 Column	11323	
Universal Angled "Y" Press-Tight [®] Connector	20403	
5m, 0.25mm ID Siltek [®] Guard Column	10026	

new! →

New column dimensions now available.

0.32mm ID Rtx[®]-CLPesticides Kit cat.# 11196 (kit),

Includes:	cat.#	kit
30m, 0.32mm ID, 0.32µm Rtx [®] -CLPesticides Column	11141	
30m, 0.32mm ID, 0.25µm Rtx [®] -CLPesticides2 Column	11324	
Universal Angled "Y" Press-Tight [®] Connector	20403	
5m, 0.32mm ID Siltek [®] Guard Column	10027	

0.53mm ID Rtx[®]-CLPesticides Kit cat.# 11197 (kit),

Includes:	cat.#	kit
30m, 0.53mm ID, 0.50µm Rtx [®] -CLPesticides Column	11140	
30m, 0.53mm ID, 0.42µm Rtx [®] -CLPesticides2 Column	11340	
Universal Angled "Y" Press-Tight [®] Connector	20403	
5m, 0.53mm ID IP Deactivated Guard Column	10045	

also available

For column connectors, see pages 220-227.

Add a reference mix to your kit order and save!

Description	suffix #
Organochlorine Pesticide Mix AB #1 (cat.# 32291)	-530
Organochlorine Pesticide Mix AB #2 (cat.# 32292)	-535