

## COLOANE DE EXTRACTIE

### COLOANE DE EXTRACTIE IN FAZA SOLIDA

- Confectionate din polipropilena
- Se utilizeaza in analiza medicamentelor din urina, sange, ser sau plasma, a ingredientelor active farmaceutice din tablete sau creme, detectarea ierbicidelor si a pesticidelor din apa, a fenolilor sau a compusilor poliaromatici
- Sunt polare, materialul de extractie este reprezentat de rasina de copolimer polistiren-divinilbenzen
- Specificatii tehnice:
  - marimea particulelor: 80µm
  - suprafata specifica: 650 – 700 m<sup>2</sup>/g
  - marimea porilor: 50 Å
  - stabile la pH: 1 – 14



| Cod           | Produs                              | Capacitate (Volum) | Capacitatea de extractie | Mod de ambalare       |
|---------------|-------------------------------------|--------------------|--------------------------|-----------------------|
| CRTC4435.0030 | Coloana de extractie in faza solida | 3 ml               | 60 mg                    | set (30 buc)          |
| CRGC4436.0030 | Coloana de extractie in faza solida | 3 ml               | 200 mg                   | set (30 buc)          |
| CRGC4436.0250 | Coloana de extractie in faza solida | 3 ml               | 200 mg                   | set (250 buc; 5 x 50) |
| CRRC4438.0030 | Coloana de extractie in faza solida | 3 ml               | 500 mg                   | set (30 buc)          |
| CRFC4439.0030 | Coloana de extractie in faza solida | 6 ml               | 200 mg                   | set (30 buc)          |
| CRFC4439.0250 | Coloana de extractie in faza solida | 6 ml               | 200 mg                   | set (250 buc; 5 x 50) |
| CRSC4441.0030 | Coloana de extractie in faza solida | 6 ml               | 500 mg                   | set (30 buc)          |

## COLOANA DE EXTRACTIE IN FAZA SOLIDA

- Confectionate din polipropilena
- Materialul de extractie este octadecyl-silica gel, pretandu-se pentru compusi polari
- Materialul de baza: silica gel
- Specificatii tehnice:
  - marimea porilor: 60Å
  - marimea particulelor: 45µm
  - suprafata specifica: 500 m<sup>2</sup>/g
  - stabile la pH: 2 – 8
- Aplicatii: compusi polari - pesticide si produse derivate polare, fenoli, acizi fenoxicarboxilici, compusi nitroaromatici, produse farmaceutice.



| Cod           | Produs                              | Capacitate | Capacitatea de extractie | Mod de ambalare |
|---------------|-------------------------------------|------------|--------------------------|-----------------|
| CRHC4442.0100 | Coloana de extractie in faza solida | 1 ml       | 100 mg                   | set (100 buc)   |
| CRDC4443.0050 | Coloana de extractie in faza solida | 3 ml       | 200 mg                   | set (50 buc)    |
| CRSC4444.0050 | Coloana de extractie in faza solida | 3 ml       | 500 mg                   | set (50 buc)    |
| CRJC4445.0030 | Coloana de extractie in faza solida | 6 ml       | 500 mg                   | set (30 buc)    |
| CRLC4446.0030 | Coloana de extractie in faza solida | 6 ml       | 1000 mg                  | set (30 buc)    |

## COLOANA DE EXTRACTIE IN FAZA SOLIDA

- Confectionate din polipropilena
- Materialul de extractie este aminopropil-silica gel modificat
- Materialul de baza: silica gel
- Specificatii tehnice:
  - marimea porilor: 60Å
  - marimea particulelor: 45µm
  - suprafata specifica: 500 m<sup>2</sup>/g
  - stabile la pH: 2 – 8
  - continut de carbon: 3,5%
- Polaritate slaba, schimbatoare de anioni
- Aplicatii: detectarea urmelor de elementelor, a lipidelor



| Cod           | Produs                              | Capacitate | Capacitatea de extractie | Mod de ambalare       |
|---------------|-------------------------------------|------------|--------------------------|-----------------------|
| CRZC4447.0100 | Coloana de extractie in faza solida | 1 ml       | 100 mg                   | set (100 buc)         |
| CRHC4448.0050 | Coloana de extractie in faza solida | 3 ml       | 200 mg                   | set (50 buc)          |
| CRMC4449.0050 | Coloana de extractie in faza solida | 3 ml       | 500 mg                   | set (50 buc)          |
| CRMC4449.0250 | Coloana de extractie in faza solida | 3 ml       | 500 mg                   | set (250 buc; 5 x 50) |
| CRBC4451.0030 | Coloana de extractie in faza solida | 6 ml       | 500 mg                   | set (30 buc)          |
| CRXC4452.0030 | Coloana de extractie in faza solida | 6 ml       | 1000 mg                  | set (30 buc)          |

## COLOANE DE EXTRACTIE IN FAZA SOLIDA

- Confectionate din polipropilena
- Materialul de extractie: copolimer polistiren-divinilbenzen, de porozitate ridicata
- Materialul de baza: copolimer polistiren-divinilbenzen, de porozitate ridicata
- Specificatii tehnice: - marimea particulelor: 50 -100  $\mu\text{m}$   
- suprafata specifica: 1200  $\text{m}^2/\text{g}$
- Aplicatii: determinare compusi aromatici si fenoli din apa, compusi nitroaromatici si pesticide din apa.



| Cod           | Produs                              | Capacitate | Capacitatea de extractie | Mod de ambalare       |
|---------------|-------------------------------------|------------|--------------------------|-----------------------|
| CRDC4453.0030 | Coloana de extractie in faza solida | 3 ml       | 200 mg                   | set (30 buc)          |
| CRDC4453.0250 | Coloana de extractie in faza solida | 3 ml       | 200 mg                   | set (250 buc; 5 x 50) |
| CRRC4455.0030 | Coloana de extractie in faza solida | 3 ml       | 500 mg                   | set (30 buc)          |
| CRTC4456.0030 | Coloana de extractie in faza solida | 6 ml       | 500 mg                   | set (30 buc)          |
| CRYC4457.0030 | Coloana de extractie in faza solida | 6 ml       | 1000 mg                  | set (30 buc)          |

## COLOANA DE EXTRACTIE IN FAZA SOLIDA

- Confectionate din polipropilena
- Materialul de extractie: Octadecyl-silica gel
- Materialul de baza: silica gel
- Specificatii tehnice:
  - marimea porilor: 60Å
  - marimea particulelor: 45µm
  - suprafata specifica: 500 m<sup>2</sup>/g
  - stabile la pH: 2 – 8
- Aplicatii: compusi nepolari – conservanti, acizi grasi, pesticide, metale grele, vitamine, alfatoxine, amfetamine, antibiotice, antiepileptice, barbiturice, cofeina, nicotina etc. De asemenea, se preteaza pentru desalinizarea solutiilor

**NOTA: Interactiune hidrofoba, nepolara, cu majoritatea compusilor organici.**



| Cod           | Produs                              | Capacitate | Capacitatea de extractie | Mod de ambalare       |
|---------------|-------------------------------------|------------|--------------------------|-----------------------|
| CRZC4458.0100 | Coloana de extractie in faza solida | 1 ml       | 100 mg                   | set (100 buc)         |
| CREC4459.0050 | Coloana de extractie in faza solida | 3 ml       | 200 mg                   | set (50 buc)          |
| CRFC4460.0050 | Coloana de extractie in faza solida | 3 ml       | 500 mg                   | set (50 buc)          |
| CRFC4460.0250 | Coloana de extractie in faza solida | 3 ml       | 500 mg                   | set (250 buc; 5 x 50) |
| CRHC4462.0030 | Coloana de extractie in faza solida | 6 ml       | 500 mg                   | set (30 buc)          |
| CRHC4462.0250 | Coloana de extractie in faza solida | 6 ml       | 500 mg                   | set (250 buc; 5 x 50) |
| CRGC4463.0030 | Coloana de extractie in faza solida | 6 ml       | 1000 mg                  | set (30 buc)          |

|               |                                     |      |         |                             |
|---------------|-------------------------------------|------|---------|-----------------------------|
| CRGC4463.0250 | Coloana de extractie in faza solida | 6 ml | 1000 mg | set<br>(250 buc;<br>5 x 50) |
|---------------|-------------------------------------|------|---------|-----------------------------|

## COLOANA DE EXTRACTIE IN FAZA SOLIDA

- Materialul de baza: silica gel nemodificat, usor acid
- Specificatii tehnice:
  - marimea porilor: 60Å
  - marimea particulelor: 45µm
  - suprafata specifica: 500 m<sup>2</sup>/g
  - stabile la pH: 2 – 8
- Aplicatii: aflatoxine, cloramfenicol, vitamine, sterizi, pesticide

**NOTA:** absoarbe umiditatea din aer. A se depozita in incinte uscate.



| Cod           | Produs                              | Capacitate | Capacitatea de extractie | Mod de ambalare  |
|---------------|-------------------------------------|------------|--------------------------|------------------|
| CRDC4437.0100 | Coloana de extractie in faza solida | 1 ml       | 100 mg                   | set<br>(100 buc) |
| CRFC4440.0050 | Coloana de extractie in faza solida | 3 ml       | 200 mg                   | set<br>(50 buc)  |

|               |                                     |      |         |                       |
|---------------|-------------------------------------|------|---------|-----------------------|
| CRBC4450.0050 | Coloana de extractie in faza solida | 3 ml | 500 mg  | set (50 buc)          |
| CRBC4450.0250 | Coloana de extractie in faza solida | 3 ml | 500 mg  | set (250 buc; 5 x 50) |
| CRTC4454.0030 | Coloana de extractie in faza solida | 6 ml | 500 mg  | set (30 buc)          |
| CRJC4461.0030 | Coloana de extractie in faza solida | 6 ml | 1000 mg | set (30 buc)          |
| CRJC4461.0250 | Coloana de extractie in faza solida | 6 ml | 1000 mg | (250 buc; 5 x 50)     |

### COLOANA DE EXTRACTIE IN FAZA SOLIDA

- Materialul de baza: silicagel modificat cu acid benzensulfonic
- Specificatii tehnice:
  - marimea porilor: 60Å
  - marimea particulelor: 45µm
  - suprafata specifica: 500 m<sup>2</sup>/g
  - stabile la pH: 2 – 8
- Aplicatii: amino acizi, amine, clorofila
- Schimbatoare de cationi, capacitate: ~ 0,5 meq/g

**NOTA:** Prezinta capacitate absorbanta pentru produse hidrofobe si interactioneaza cu legaturile din nucleul benzenic. Schimbatoare de ioni a compusilor organici din faze apoase.



| Cod           | Produs                              | Capacitate | Capacitatea de umplere | Mod de ambalare       |
|---------------|-------------------------------------|------------|------------------------|-----------------------|
| CRXC4464.0100 | Coloana de extractie in faza solida | 1 ml       | 100 mg                 | set (100 buc)         |
| CRZC4465.0050 | Coloana de extractie in faza solida | 3 ml       | 500 mg                 | set (50 buc)          |
| CRZC4465.0250 | Coloana de extractie in faza solida | 3 ml       | 500 mg                 | set (250 buc; 5 x 50) |
| CRQC4466.0030 | Coloana de extractie in faza solida | 6 ml       | 1000 mg                | set (30 buc)          |

### COLOANA DE EXTRACTIE IN FAZA SOLIDA

- Confectionate din polipropilena
- Material de extractie: silicagel cu schimbator de anioni-amoniu quaternar
- Material de baza: silicagel
- Specificatii tehnice:
  - marimea porilor: 60Å
  - marimea particulelor: 45µm
  - suprafata specifica: 500 m<sup>2</sup>/g
  - stabile la pH: 2 – 8
- Schimbatoare de anioni, capacitate: ~ 0,3 meq/g
- Aplicatii: acizi organici, cofeina, zaharina

**NOTA:** Nu se preteaza pentru anioni foarte puternici, precum acizi sulfonici, deoarece sunt foarte greu de preluat.





| Cod           | Produs                              | Capacitate | Capacitatea de extractie | Mod de ambalare       |
|---------------|-------------------------------------|------------|--------------------------|-----------------------|
| CRYC4467.0100 | Coloana de extractie in faza solida | 1 ml       | 100 mg                   | set (100 buc)         |
| CRCC4468.0050 | Coloana de extractie in faza solida | 3 ml       | 200 mg                   | set (50 buc)          |
| CRRC4469.0050 | Coloana de extractie in faza solida | 3 ml       | 500 mg                   | set (50 buc)          |
| CRRC4469.0250 | Coloana de extractie in faza solida | 3 ml       | 500 mg                   | set (250 buc; 5 x 50) |
| CRHC4470.0030 | Coloana de extractie in faza solida | 6 ml       | 500 mg                   | set (30 buc)          |
| CRLC4471.0030 | Coloana de extractie in faza solida | 6 ml       | 1000 mg                  | set (30 buc)          |

### COLOANE DE EXTRACTIE IN FAZA SOLIDA

- Materialul de baza: Florisil (silicat de magneziu de inalta puritate)
- Marimea particulelor: 150 – 250 µm
- Aplicatii: acizi carboxilici alifatici



| Cod           | Produs                              | Capacitate | Capacitatea de extractie | Mod de ambalare       |
|---------------|-------------------------------------|------------|--------------------------|-----------------------|
| CRTC4472.0050 | Coloana de extractie in faza solida | 3 ml       | 200 mg                   | set (50 buc)          |
| CRBC4473.0050 | Coloana de extractie in faza solida | 3 ml       | 500 mg                   | set (50 buc)          |
| CRXC4474.0030 | Coloana de extractie in faza solida | 6 ml       | 1000 mg                  | set (30 buc)          |
| CRXC4474.0250 | Coloana de extractie in faza solida | 6 ml       | 1000 mg                  | set (250 buc; 5 x 50) |

## COLOANA DE EXTRACTIE IN FAZA SOLIDA

- Confectinata din sticla,
- Destinata extractiei hidrocarburilor din apa



| Cod           | Produs                              | Capacitate | Capacitatea de extractie | Mod de ambalare       |
|---------------|-------------------------------------|------------|--------------------------|-----------------------|
| CRDC4475.0030 | Coloana de extractie in faza solida | 6 ml       | 2000/2000 mg             | set (30 buc)          |
| CRDC4475.0250 | Coloana de extractie in faza solida | 6 ml       | 2000/2000 mg             | set (250 buc; 5 x 50) |

### COLOANA DE EXTRACTIE IN FAZA SOLIDA

- Confectionate din polipropilena
- Contin o faza speciala din siliciu pentru analiza medicamentelor si drogurilor
- Materialul de baza: silicagel
- Specificatii tehnice:
  - marimea porilor: 60Å
  - marimea particulelor: 45µm
  - suprafata specifica: 500 m<sup>2</sup>/g
  - stabile la pH: 2 – 8
- Aplicatii: determinarea medicamentelor acide, neutre si bazice din urina sau plasma



| Cod           | Produs                              | Capacitate | Capacitatea de extractie | Mod de ambalare       |
|---------------|-------------------------------------|------------|--------------------------|-----------------------|
| CRNC4476.0100 | Coloana de extractie in faza solida | 1 ml       | 100 mg                   | set (100 buc)         |
| CRMC4477.0050 | Coloana de extractie in faza solida | 3 ml       | 200 mg                   | set (50 buc)          |
| CRMC4477.0250 | Coloana de extractie in faza solida | 3 ml       | 200 mg                   | set (250 buc; 5 x 50) |
| CRPC4478.0050 | Coloana de extractie in faza solida | 3 ml       | 500 mg                   | set (50 buc)          |
| CRJC4479.0030 | Coloana de extractie in faza solida | 6 ml       | 500 mg                   | set (30 buc)          |