



Sepachrom Organic Acid Columns



Your Specialists in Chromatography

Company Profile

SepaChrom is the brainchild of the founders to create a dedicated reality, unique and able to support the **Chromatography users** optimizing their challenges.

Our Core competence is the manufacturing and trading of **High-Quality** products for **Chromatography**.

SepaChrom product portfolio includes a wide range of in-house manufactured **HPLC** Columns in both **Analytical** and **Preparative** scale, **Flash** cartridges & Instruments, and **Process** scale purification.

Our offer of products for Chromatography includes consumables and accessories, for both **HPLC** and **GC** techniques.

Our brands **Robusta**®, **Adamas**®, **Vydamas**®, **TMC**®, **Purezza**®, **Sepa-Bulk**® are only few of the product lines we propose to the **Chromatographers**.

Our Mission

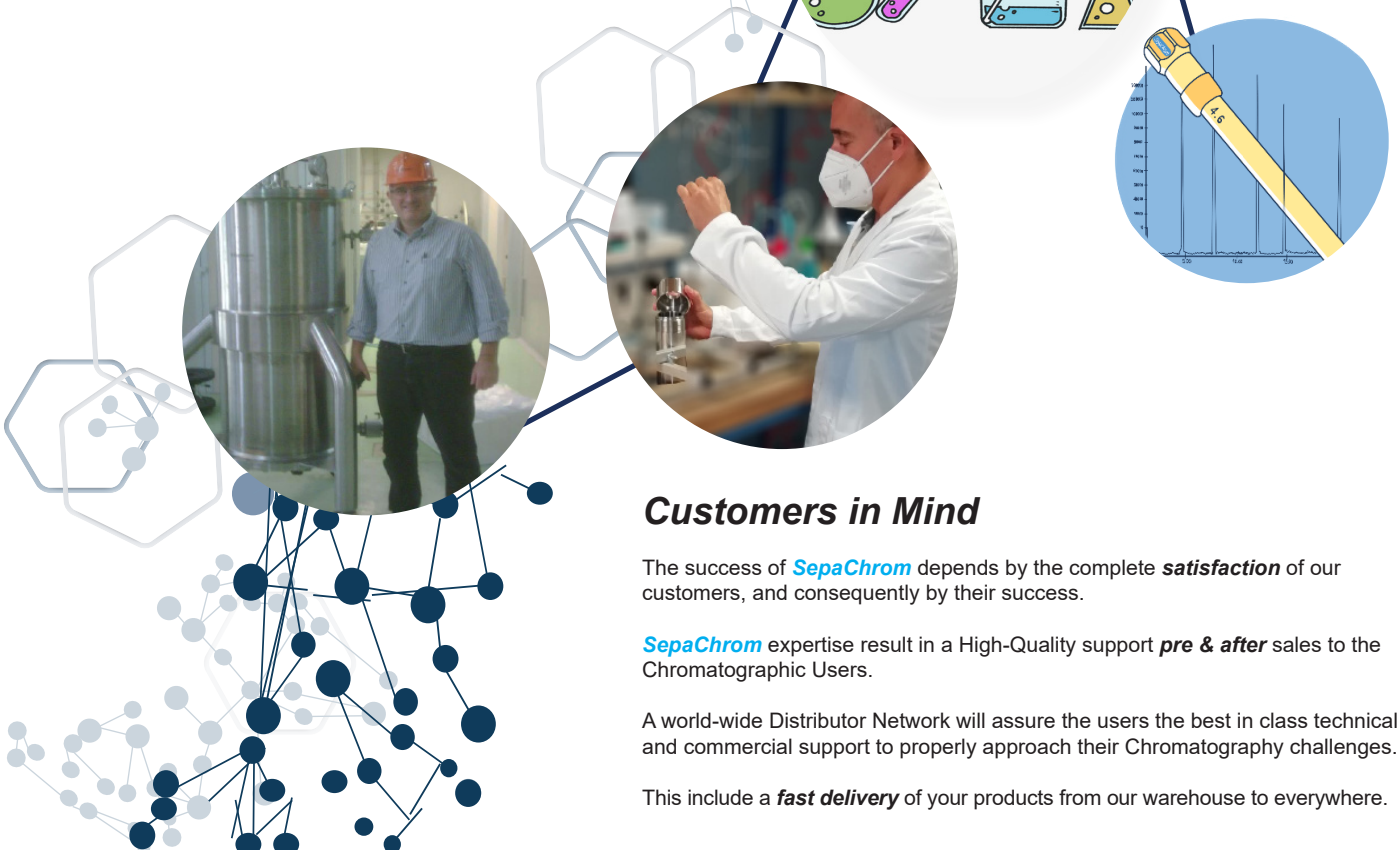
Decades of experience of our team, combined with a range of High Quality selected products and the most efficient technological solutions, allows **SepaChrom** to be a reference to :

- **Pharma,**
- **Biotech,**
- **Chemical,**
- **Food and Beverage,**
- **Cosmetic,**
- **Environmental,**
- **Clinical**
- **Petrolchemical**

industries, at **R&D** department as well **QC** laboratories and **Production**.

Our commitment is to provide the Highest Technical Support that Chromatographers expect from

Your Specialists in Chromatography



Customers in Mind

The success of **SepaChrom** depends by the complete **satisfaction** of our customers, and consequently by their success.

SepaChrom expertise result in a High-Quality support **pre & after** sales to the Chromatographic Users.

A world-wide Distributor Network will assure the users the best in class technical and commercial support to properly approach their Chromatography challenges.

This include a **fast delivery** of your products from our warehouse to everywhere.

Specialty Column – Organic Acid Columns



Organic Acid Columns

- Rapid Analysis of Organic Acids & Alcohols
- pH Resistant Resin Packing
- Short Analysis Times
- Isocratic Aqueous Mobile Phases Only, No Organic Solvents

SepaChrom OA-1000 and OA-2000

SepaChrom OA-1000 and OA-2000 columns are ion exclusion columns packed with sulfonated polystyrene divinylbenzene resin.

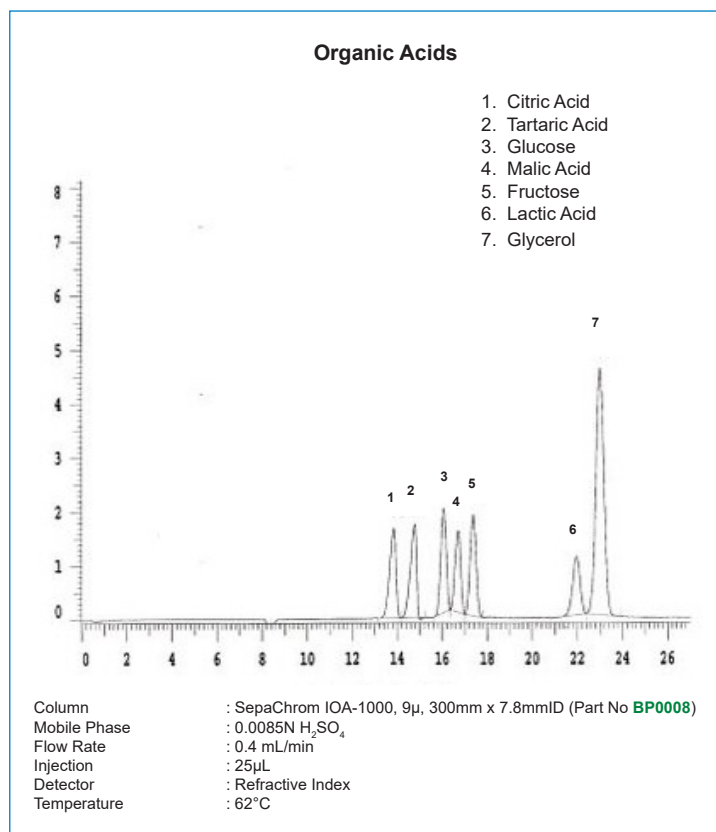
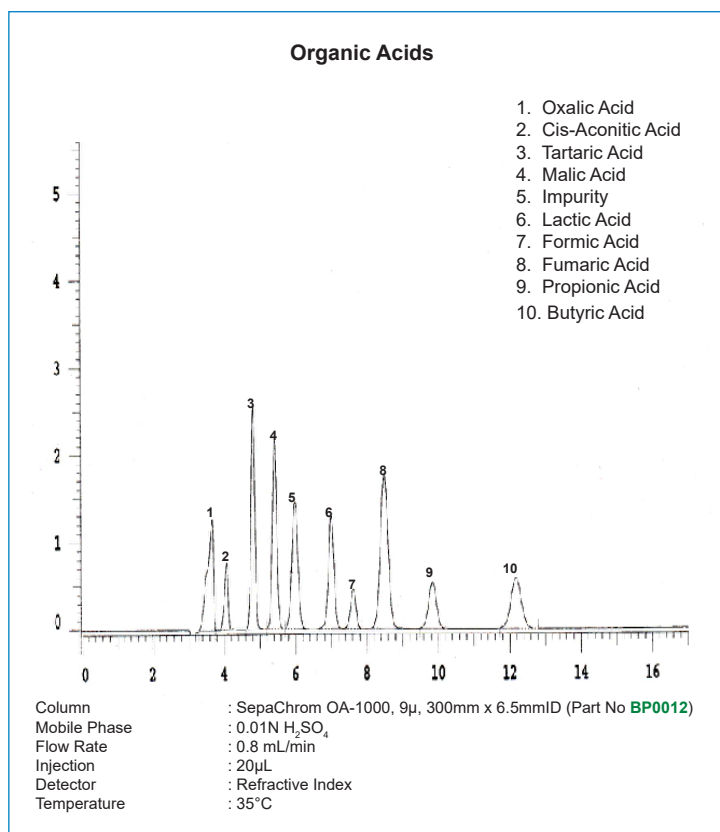
These columns have a superior selectivity for aliphatic and aromatic acids. As with most ion exclusion columns based on polystyrene divinylbenzene media, a column heater is suggested for normal operating procedures.

SepaChrom OA-1000 column is ideal for separation of inorganic anions such as fluoride, arsenate, sulfite, alcohols, and most organic acids. The short column **SepaChrom** OA-2000 is more suitable for separation of organic acids with low pKa values, low molecular weight straight chain acids, and aromatic acids

SepaChrom IOA-1000 and IOA-2000

SepaChrom IOA-1000 and IOA-2000 columns are ion exclusion columns for separation of short-chain organic acids from glucose and fructose.

SepaChrom IOA-1000 column is an excellent column for the separation of acids of the Tri-Carboxylic Acid cycle (TCA or Krebs cycle) while the **SepaChrom** IOA-2000 is more suitable for fast separation of acids and some alcohols.



| Ordering Information | | |
|---|-------|---------------|
| Description | Pkg | Stock N# |
| SepaChrom OA-1000 - 9 μ - 300 x 6.5mmID | Ea | BP0012 |
| SepaChrom OA-2000 - 6.5 μ - 100 x 6.5mmID | Ea | BP0007 |
| Guard Cartridges for OA Column - 20 x 4.0mmID | 2/pkg | BP0013 |
| Guard Cartridge Holder for OA and IOA Columns | Ea | BP0010 |

| Ordering Information | | |
|--|-------|---------------|
| Description | Pkg | Stock N# |
| SepaChrom IOA-1000 - 9 μ - 300 x 7.8mmID | Ea | BP0008 |
| SepaChrom IOA-2000 - 8 μ - 150 x 6.5mmID | Ea | BP0011 |
| Guard Cartridges for IOA Column - 20 x 4.0mmID | 2/pkg | BP0009 |
| Guard Cartridge Holder for OA and IOA Columns | Ea | BP0010 |

Other products available from SepaChrom

HPLC

HPLC Silica Based Columns for Routine Analysis
 HPLC & UHPLC Silica Based Columns for Small Molecules Separation
 HPLC Silica Based Columns for Large Molecules Separation
 HPLC Silica Based Columns for Traditional Chinese Medicine
 Polymer Base Columns for Carbohydrate & Organic Acids Analysis Chiral HPLC Columns
 Ion Chromatography Columns for Anions and Cations Analysis

VYdamas®



ROBUSTA®

Adamas®

MEDIA

Irregular & Spherical Silica Gel for Flash, Preparative & Industrial Purification
 Raw & Bonded Silica Gel for Any Application
 Wide Range Porosity (30Å- 2500Å) and Particle Size (10µ-200µ)
 Polymer Based Resin for Reversed Phase and Ion Exchange Chromatography

PREP

10mm - 50mmID Packed Preparative Columns for Lab Scale Purification packed by SepaChrom
 50mm - 2000mmID Process Scale Chromatography Columns & Systems, Flanged & DAC Technology
 OEM Packed Preparative Columns
 Scale-up Method Development & Custom Packing Service

ROBUSTA®

Adamas®

VYdamas®

FLASH

Instruments for Flash and Prep Chromatography up to 825mL/min & 400 bar pressure
 Integrated ELSD & MS Simple Quad Detector for Flash Purification
 TLC Plates and Accessories for Flash Chromatography
 A Complete Range of Flash Columns for All Existing Flash Instruments

urezza

Advion Interchim

SPE

SEClute™, Extract-Clean™, Maxi-Clean™ SPE Cartridges for Pharma, Environmental, Food&Beverage Applications.
 PuroPhase™ Polymer Base SPE Cartridges for Clinical & Forensic Applications.
 Maxi-Clean™ Ion Chromatography SPE Cartridges
 Vydac® - Bioselect SPE Cartridges for Biological Samples
 Accessories for SPE & Syringe Filters

OTHER INSTRUMENTS

SepaChrom Hydrogen, Nitrogen and Air Generators for GC
 SepaChrom Nitrogen Generators for LC-MS
 Automated Sample Evaporators for Lab Scale Purification
 Interchim Advion CMS Compact Mass Spectrometer Detector

CONSUMABLE

Autosampler Vials for HPLC, IC e GC
 Head Space and Sampling Vials
 SS & PEEK Tubing, Fittings, Ferrule & Valves
 Syringes and Septa for GC
 Traps for GC Gas Lines