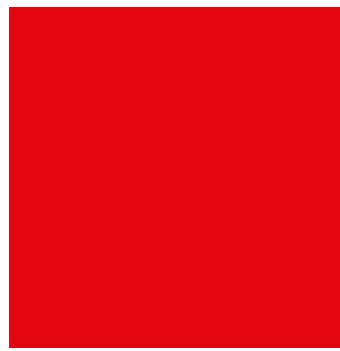


Your Specialists in Chromatography



High Quality HPLC Columns  
High Performance at a Low Price

**ROBUSTA<sup>®</sup>**



**SepaChrom**

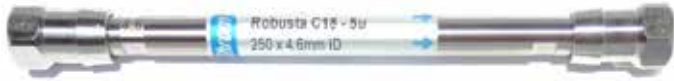
# ROBUSTA® - High Quality HPLC Columns

## Quality

Sepachrom's new ROBUSTA® HPLC columns are manufactured using Ultra-High Purity Silica media.

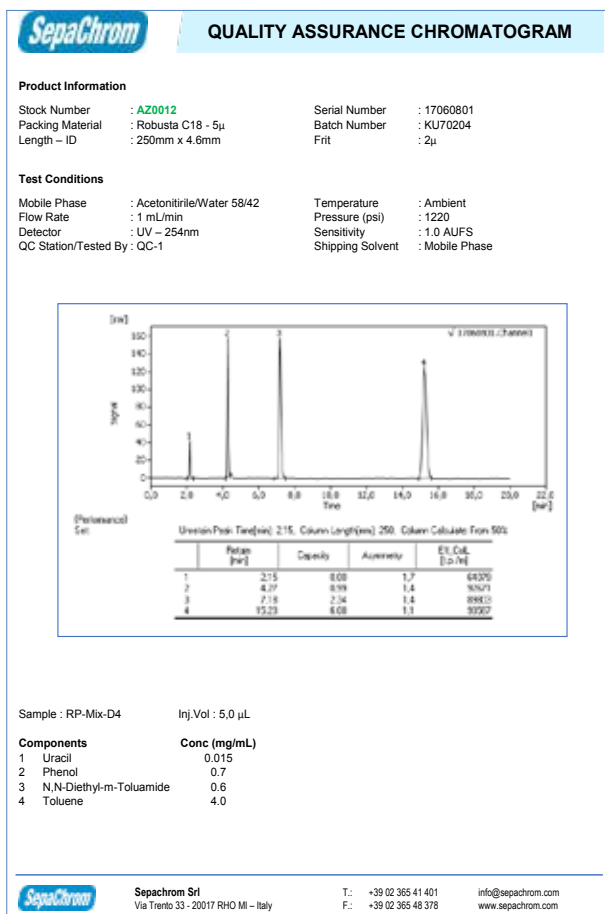
This has very low trace metal impurities which gives symmetrical peaks for both acidic and basic compounds.

A narrow particle size distribution means that column back pressures are minimised even at higher flow rates.



Each ROBUSTA® HPLC Column is individually tested to ensure optimal performance and to resolve your analytical separation challenges.

Typical ROBUSTA® HPLC Column QC



## Robustness

ROBUSTA® - the name already explains everything about the benefits of the new Sepachrom HPLC columns.

ROBUSTA® columns are ideal for daily and intensive use, as they provide superior performance and an exceptionally long lifetime; they are also a smart choice for aggressive methods where the bottom line cost could be impacted.

The ROBUSTA® HPLC column line includes all common bonded phases (C18 - C8 - Phenyl - Cyano - NH<sub>2</sub> - Silica) with particle sizes of 3, 5 & 10µ.



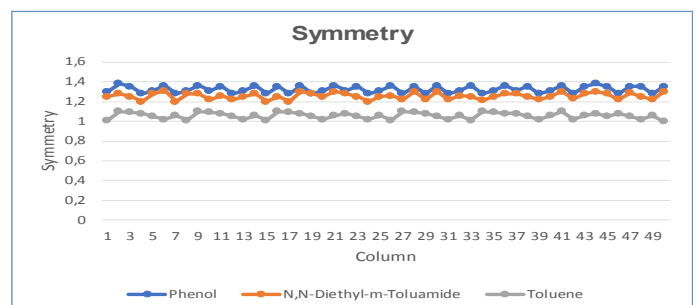
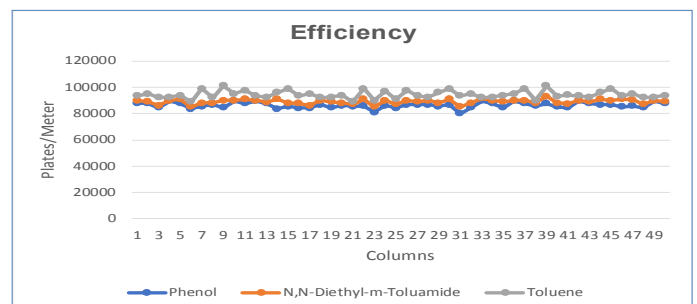
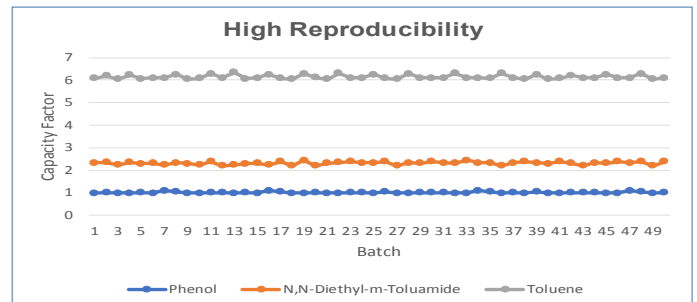
ROBUSTA® - Silica Specifications		
Material	High Purity Spherical Silica	
Porosity	100A	
Surface Area	320m <sup>2</sup> /g	
Particle Size	3µ - 5µ - 10µ	
		<b>%C Load</b>
Phases	Silica	n/a
	C18 (Endcapped)	17.0%
	C8 (Endcapped)	10.0%
	Phenyl	12.0%
	Cyano	6.0%
	NH <sub>2</sub>	4.5%
Metal Content		<b>Typical</b>
	Na, Mg, Al, Ca, Fe, Zr	< 1mg/kg
	Ti	< 4mg/kg

## Reproducibility

Tight controls during the manufacture of the silica base material and its bonding are a critical factor in obtaining the best lot-to-lot consistency.

The HPLC column packing procedures are also very important :

Sepachrom's advanced packing methods provide optimal column performance and reproducibility of the ROBUSTA® HPLC Columns, which translates into robust analytical methods for your daily separation challenges.



# ROBUSTA® - High Quality HPLC Columns

## The Best Quality at a Great Price

You will be pleasantly surprised by the prices of the new **ROBUSTA®** HPLC columns.

There is no compromise on quality and performance !

**Sepachrom's** advanced packing technologies allow us to keep the overall costs under control and to transfer the savings to you.

**ROBUSTA®** HPLC column is a product **MADE IN ITALY**

## Full-Guard Cartridges

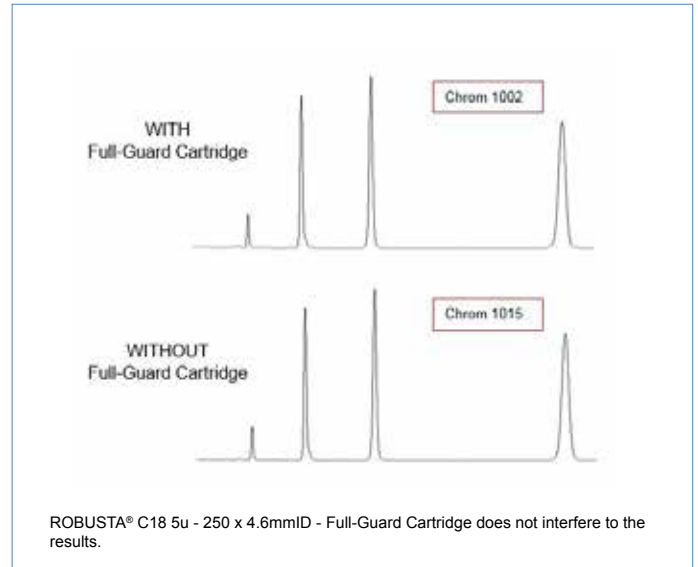
Whilst **ROBUSTA®** HPLC column prices are extremely low, why not protect them by using our **Full-Guard Cartridge** system!

It's the best way to increase your savings by prolonging the lifetime of your **ROBUSTA®** HPLC column.

Select the **Direct** or the **In-Line Connection Holder** and Cartridges according to your HPLC column.



\*Connection can be done by an Union or a piece of 1/16" PEEK or SS Tubing







## Ordering Information :

Phase	Particle Size	Column Dimension			Full-Guard Cartridge*
		100 x 4.6mm	150 x 4.6mm	250 x 4.6mm	
Robusta® C18	3µ	AZ0001	AZ0002	Ask	CD0102
	5µ	AZ0003	AZ0004	AZ0012	CD0103
	10µ	Ask	AZ0006	AZ0007	CD0104
Robusta® C8	3µ	AZ0015	AZ0016	Ask	CD0105
	5µ	AZ0017	AZ0018	AZ0019	CD0106
Robusta® Phenyl	3µ	AZ0020	AZ0021	Ask	CD0111
	5µ	AZ0022	AZ0023	AZ0024	CD0112
Robusta® Cyano	3µ	AZ0025	AZ0026	Ask	CD0107
	5µ	AZ0027	AZ0028	AZ0029	CD0108
Robusta® NH <sub>2</sub>	3µ	AZ0030	AZ0031	Ask	CD0109
	5µ	AZ0032	AZ0033	AZ0308	CD0110
Robusta® Silica	3µ	AZ0008	AZ0009	Ask	CD0113
	5µ	AZ0010	AZ0011	AZ0034	CD0114
	10µ	Ask	AZ0013	AZ0014	CD0115

**Full-Guard Cartridges** require **Full-Guard Holder**. Two versions available :  
 Full-Guard Holder - **Direct Connection** - Part.No **CD0100** / Full-Guard Holder - **In-Line Connection** - Part.No **CD0101**

## Other Products available from SepaChrom

 <p><b>HPLC</b></p>	<p>HPLC, UHPLC Silica Based Columns for Analytical Applications            Vydac® Columns for Proteins and Peptides Separations            Polymer Base Columns for Carbohydrate &amp; Organic Acids Analysis            Chiral HPLC Columns            Ion Chromatography Columns for Anions and Cations Analysis</p>	 <p><b>MEDIA</b></p>	<p>Irregular and Spherical Silica Gel for Flash, Prep &amp; Industrial Purification            Bonded Silica C18, Cyano, Diol, Amino            Wide Range Porosity (30Å- 2500Å) and Particle Size (10µ-200µ) for Any Application            Polymer Based Resin for Reversed Phase and Ion Exchange Chromatography</p>
 <p><b>PREP</b></p>	<p>10mm-25mmID Packed Prep Columns for Lab Scale Purification            25mm-100mmID Packed &amp; Empty, Flanged &amp; Spring Column Technology            50mm-2000mmID Process Scale Chromatography Columns &amp; Systems, Flanged &amp; DAC Technology            Scale-up Method Development &amp; Packing Service</p>	 <p><b>FLASH</b></p>	<p>Instruments for Flash and Prep Chromatography up to 750mL/min &amp; 250 bar Pressure.            190-840 Multi Wavelength &amp; Scan Collection, Integrated ELSD, MS Simple Quad Detector            Flash Columns for All Existing Flash Instruments : Silica, Reverse Phase, CN, Diol, NH<sub>2</sub>, Chiral Phases, 15µ to 50µ Particle Size</p>
 <p><b>SPE</b></p>	<p>Silica Based SPE Cartridges for Pharma, Environmental, Food&amp;Beverage Applications.            Polymer Base SPE Cartridges for Clinical &amp; Forensic Applications.            Ion Chromatography SPE Cartridges            Accessories for SPE            Syringe Filters &amp; QuEChERS</p>	 <p><b>VIALS</b></p>	<p>Autosampler Vials for HPLC, IC e GC            Sampling Vials            Head Space Vials            Crimper &amp; Decapper and Sampling Accessories</p>
 <p><b>GC</b></p>	<p>High Performance GC Capillary Column            SepaChrom :            SepaFlex : Full Range of GC Capillary Columns, MS Columns, ChiralFlex, UltraMet-HT, SpeedyFlex            Econo-Sep : Batch Tested Common GC Capillary Columns            GC Capillary Column Heliflex® &amp; Econo-Cap™</p>	 <p><b>Accessori HPLC-GC</b></p>	<p>SS &amp; PEEK Tubing for Analytical, Preparative and Ion Chromatography            Fittings, Ferrule &amp; Valves for HPLC, IC and GC            Syringes and Septa for GC            Traps for GC Gas Lines            Gas Generators</p>

## Company Profile

### About us :

**SepaChrom** is a new company specialising in **Chromatography**. **SepaChrom** is the brainchild of the founders who wanted to create a dedicated and unique company able to support **Chromatography Users** in optimizing their challenges.

Our Core competence is the manufacture, sale and support of **High-Quality** products for **GC, Analytical and Preparative** scale **HPLC** and **Flash** purification, including consumables and accessories, through **Process** scale purification.

### Our Mission :

Our team has decades of experience, which, combined with a range of High Quality selected products and the most efficient technological solutions, allows **SepaChrom** to support Pharma, Biotech, Chemical, Food and Beverage, Cosmetic, Environmental, Clinical and Petrochemical industries, in R&D departments as well in QC laboratories and Production. Our commitment is to provide the Highest level of Technical Support that Chromatographers expect from **Your Specialist in Chromatography**

### Customers in Mind :

The success of **SepaChrom** is driven by complete **satisfaction** of our customers, and consequently by their success.

**SepaChrom**'s expertise results in High-Quality **pre & post** sale support to the Chromatographic Users. This includes **fast delivery** of your products from our warehouse to your location.



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