

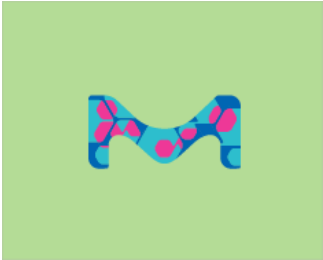


29647-U Supelco

SLB®-IL111 Capillary GC Column

L × I.D. 100 m × 0.25 mm, df 0.20 µm

eCl@ss 32119290



FDS

Similar Products

Conditionnement - SKU	Disponibilité	Prix (EUR)	Quantité
29647-U	Seulement 2 en stock (d'autres en cours d'arrivage) - A PARTIR DE	1,033.00	0

Commandes Bulk?

AJOUTER AU PANIER

Propriétés

Related Categories	Analytical/Chromatography, Capillary GC Columns and Guard Columns/Retention Gaps, Capillary GC Columns, by name, GCxGC Capillary GC Columns, Gas Chromatography (GC), Plus...
material	fused silica
parameter	50—270 °C temperature (isothermal or programmed)
Beta value	313
df	0.20 µm
application(s)	gas chromatography (GC): suitable
L × I.D.	100 m × 0.25 mm
matrix active group	Non-bonded; 1,5-Di(2,3-dimethylimidazolium)pentane bis(trifluoromethanesulfonyl)imide phase
Featured Industry	Agriculture Biofuels Chemicals and Industrial Polymers Clinical Environmental Food and Beverages Petroleum
column type	capillary extremely polar

[montrer moins de résultats](#)

Description

General description
Application: World's first commercial column to rate over 100 on our GC column polarity scale. Selectivity most orthogonal to non-polar and intermediate polar phases, resulting in very unique elution patterns. Maximum temperature of 270 °C is very impressive for such an extremely polar column. Great choice for separation of polarizable analytes (contain double and/or triple C-C bonds) from neutral analytes. Also a good GCxGC column choice. Launched in 2010.

USP Code: None

Phase:

- Non-bonded
- 1,5-Di(2,3-dimethylimidazolium)pentane bis(trifluoromethylsulfonyl)imide

Temp. Limits:

- 50 °C to 270 °C (isothermal or programmed)

Legal Information
SLB is a registered trademark of Sigma-Aldrich Co. LLC

Other Notes
Complementary products:
[Syringes](#)
[Vials](#)
[Gas Purification and Gas Management](#)
[Inlet Liners, Glass Wool, and Specialized Hand Tools](#)
[Septa and Specialized Hand Tools](#)
[Column Ferrules, Nuts, and Specialized Hand Tools](#)

Informations Sécurité

Aucune information relative à la sécurité de ce produit est actuellement disponible.

Documents

Certificat d'Analyse

170877

[Devis/ Commande de produits Bulk](#)

[FDS](#)

Frequently Asked Questions

Which document(s) contains shelf-life or expiration date information for a given product?

If available for a given product, the recommended re-test date or the expiration date can be found on the Certificate of Analysis.

How do I get lot-specific information or a Certificate of Analysis?

The lot specific COA document can be found by entering the lot number above under the "Documents" section.

How do I find price and availability?

There are several ways to find pricing and availability for our products. Once you log onto our website, you will find the price and availability displayed on the product detail page. You can contact any of our Customer Sales and Service offices to receive a quote. USA customers: 1-800-325-3010 or view local office numbers.

What is the Department of Transportation shipping information for this product?

Transportation information can be found in Section 14 of the product's (M)SDS. To access the shipping information for this material, use the link on the product detail page for the product.

Are all the SLB Ionic Liquid Capillary Columns GC-MS compatible?

SLB-IL59, SLB-IL60, SLB-IL61, SLB-IL76, SLB-IL82, SLB-IL100 and SLB-IL111 Ionic Liquid Capillary Columns are all GC-MS compatible.

Show more questions ▼

Customers Also Viewed

29689-U SLB®-IL111 Capillary GC Column L × I.D. 200 m × 0.25 mm, df 0.20 µm	28928-U SLB®-IL111 Capillary GC Column L × I.D. 60 m × 0.25 mm, df 0.20 µm	28927-U SLB®-IL111 Capillary GC Column L × I.D. 30 m × 0.25 mm, df 0.20 µm	28925-U SLB®-IL111 Capillary GC Column L × I.D. 15 m × 0.10 mm, df 0.08 µm	24056 SP™-2560 Capillary GC Column L × I.D. 100 m × 0.25 mm, df 0.20 µm
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Recently Viewed

29597-U Ellutia 7000 Digital Volumetric/Mass Flowmeter	29554-U High Capacity Gas Purifier, Replacement Heating Element AC input 230 V, pack of 2	29553-U High Capacity Gas Purifier, Replacement Heating Element AC input 110 V, pack of 2	 29547-U High Capacity Gas Purifier, Starter Kit AC input 230 V, size 1/4 in., CE Approved	 29546-U High Capacity Gas Purifier, Starter Kit AC input 230 V, size 1/8 in., CE Approved
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Protocoles et articles

Articles

[GC Analysis of C18:1 FAMES in Partially Hydrogenated Vegetable Oil \(PHVO\) on SLB®-IL111](#)

From our library of Articles, Sigma-Aldrich presents GC Analysis of C18:1 FAMES in Partially Hydrogenated Vegetable Oil (PHVO) on SLB®-IL111
Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

[GC Analysis of FAMES in Cookies on SLB®-IL111 after SPE Fractionation using Discovery® Ag-Ion](#)

From our library of Articles, Sigma-Aldrich presents GC Analysis of FAMES in Cookies on SLB®-IL111 after SPE Fractionation using Discovery® Ag-Ion
Keywords: Capillary electrophoresis, Chromatography, Digestions, Flame ionization detector, Gas chromatography, Hydrogenations, Methylations, Purification, Sample preparations, Solid phase extractions

[GC Analysis of FAMES in Cow's Milk on SLB®-IL111](#)

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Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

[GC Analysis of FAMES in Goat Milk on SLB®-IL111](#)

From our library of Articles, Sigma-Aldrich presents GC Analysis of FAMES in Goat Milk on SLB®-IL111
Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

[GC Analysis of FAMES in Human Milk on SLB®-IL111](#)

From our library of Articles, Sigma-Aldrich presents GC Analysis of FAMES in Human Milk on SLB®-IL111
Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

[GC Analysis of FAMES in Human Plasma on SLB®-IL111](#)

From our library of Articles, Sigma-Aldrich presents GC Analysis of FAMES in Human Plasma on SLB®-IL111
Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

[GC Analysis of FAMES in Mozzarella \(Buffalo Milk Source\) on SLB®-IL111](#)

From our library of Articles, Sigma-Aldrich presents GC Analysis of FAMES in Mozzarella (Buffalo Milk Source) on SLB®-IL111
Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

[GC Analysis of FAMES in Walnuts on SLB®-IL111](#)

From our library of Articles, Sigma-Aldrich presents GC Analysis of FAMES in Walnuts on SLB®-IL111
Keywords: Capillary electrophoresis, Chromatography, Digestions, Flame ionization detector, Gas chromatography, Methylations, Purification

[GC Analysis of Fatty Acids in Walnuts and Peanuts](#)

Nuts are considered nutrient dense foods and their consumption has been associated with reduced risk of coronary heart disease. The health benefits of nuts are partially attributable to their high co...
Katherine K. Stenerson
Reporter US Volume 31.3
Keywords: Capillary electrophoresis, Digestions, Flame ionization detector, Gas chromatography, Methylations

[GC Analysis of a 37-Component FAME Mix on SLB®-IL111](#)

From our library of Articles, Sigma-Aldrich presents GC Analysis of a 37-Component FAME Mix on SLB®-IL111
Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

[GC Analysis of cis C18:1 FAMES in Partially Hydrogenated Vegetable Oil \(PHVO\) on SLB®-IL111 after HPLC Fractionation using Silver Ion](#)

From our library of Articles, Sigma-Aldrich presents GC Analysis of cis C18:1 FAMES in Partially Hydrogenated Vegetable Oil (PHVO) on SLB®-IL111 after HPLC Fractionation using Silver Ion
Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

[GC Analysis of trans C18:1 FAMES in Partially Hydrogenated Vegetable Oil \(PHVO\) on SLB®-IL111 after HPLC Fractionation using Silver Ion](#)

From our library of Articles, Sigma-Aldrich presents GC Analysis of trans C18:1 FAMES in Partially Hydrogenated Vegetable Oil (PHVO) on SLB®-IL111 after HPLC Fractionation using Silver Ion
Keywords: Chromatography, Flame ionization detector, Gas chromatography, Purification

[Trans Fats in Cookies using SP-2560 and SLB-IL111](#)

Trans fats (trans unsaturated fatty acids) are fatty acids that contain at least one double bond in the trans orientation. This orientation causes carbon atoms to align in a straight configuration, s...
Katherine K. Stenerson
Reporter US Volume 30.2
Keywords: Capillary electrophoresis, Chromatography, Derivatizations, Digestions, Flame ionization detector, Fractionation, Gas chromatography, Hydrogenations, Methylations, Solid phase extractions

Related Content

[How to Choose a Capillary GC Column](#)

An optimized chromatographic separation begins with the column. The selection of the proper capillary column for any application should be based on four significant factors: stationary phase, column ...
How to Choose a Capillary GC Column
Keywords: Chromatography, Condensations, Gas chromatography, Immobilization, Mass spectrometry, Pesticides, Separation, Size-exclusion chromatography, Solid phase microextractions, Solvents, Vaporization

Documentation référencée

[Avez-vous utilisé ce produit dans vos Protocoles et articles? Si oui, cliquez ici.](#)

Produits associés