



29653-U Supelco

Certified Vial Kit, Low Adsorption (LA), 2 mL, pk of 100

volume 2 mL, amber glass vial (with marking spot), natural PTFE/silicone septa, thread 9 mm



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Conditionnement - SKUDisponibilité

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29653-U

Disponible pour expédition le 07.06.19 - [A PARTIR DE](#)

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Product Recommendations



29654U
Certified Vial Kit, Low Adsorption (LA), 2 mL, pk of 100
volume 2 mL, amber glass vial (with marking spot), natural PTFE/silicone



29651U
Certified Vial Kit, Low Adsorption (LA), 2 mL, pk of 100
volume 2 mL, clear glass vial (with marking spot), natural PTFE/silicone



29652U
Certified Vial Kit, Low Adsorption (LA), 2 mL, pk of 100
volume 2 mL, clear glass vial (with marking spot), natural PTFE/silicone

Properties

Related Categories	Analytical/Chromatography, Certified Low Adsorption (LA) Vials Neutral pH Vials, Certified Low Adsorption (LA) Vials and Kits for LC/MS, Certified Vial Kits, Certified Vials, Plus...
material	amber glass vial (with marking spot) natural PTFE/silicone septa light blue polypropylene cap (Mass Spec quality)
feature	closure type screw top vial
packaging	pkg of 100 ea
O.D. × H × I.D.	12 mm × 32 mm × 6 mm
volume	2 mL
	montrer plus (12)

Description

General description
Supelco's new Low Adsorption (LA) vials are manufactured using a process that decreases the number of hydroxyl groups on the vial's glass surface, significantly reducing surface activity while improving analytical quantitation and minimizing pH shifts in the sample. This same process also removes unwanted surface metals such as sodium and boron that can contaminate samples and interfere with trace analysis. Unlike other methods used to decrease vial surface activity, the elimination of surface activity in LA vials is integral to the manufacturing process and is not a chemical surface treatment.

These vials and closures are designed, engineered, and manufactured for optimum performance in HPLC, GC/MS, and LC/MS applications. All of the parts of the vial system (vial, cap, and septum) can come into contact with the sample and are critical to the outcome of the analysis.

We recommend using LA vials with MSQ polypropylene cap/PTFE silicone septa. This cap and septa combination was purposely designed for use with mass spectrometry. It shows little to no background contamination when compared to other cap and septa products in the marketplace.

Safety Information

RIDADR	NONH for all modes of transport
WGK Germany	3

Documents

Certificat d'Analyse

Enter Lot No.

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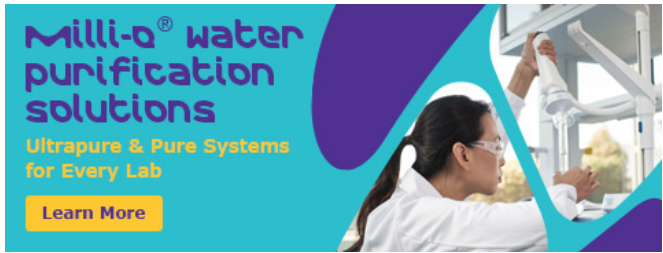
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 29665U MSQ™ Caps with septa, Mass Spec Quality thread 9 mm, natural PTFE/silicone septa, pkg of 100 ea	 27496 ABC Vial™, 2 mL, preassembled, 9 mm thread amber glass vial (with marking spot), PTFE/silicone septum, pkg of 100 ea	 Z291641 Standard screw-thread autosampler vials, 12 x 32 mm volume 2 mL, amber glass vial (standard opening), thread 8-425	 29663U Certified Vial Kit, Low Adsorption (LA) QsertVial™ volume 0.3 mL, QsertVial, amber glass vial, natural PTFE/silicone septa, thread 9 mm	 29386U Certified Kits, screw thread vials, 12 x 32 mm, 9 mm thread, unassembled, pkg of 100 volume 2 mL, amber glass vial (with graduated marking spot),
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Olga Shimelis,¹ Principle R&D Scientist; Kathy Stenerson,¹ Principle R&D Scientist; Margaret Wesley,² 2016 R&D Summer Intern

¹MilliporeSigma, Bellefonte, PA, ²Pennsylvania State University, University Park, State College, PA, Reporter US Volume 34.4

Keywords: High performance liquid chromatography, Separation

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Keywords: High performance liquid chromatography, Sample preparations, Separation

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Katherine K. Stenerson

Principal R&D Scientist

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Olga I. Shimelis, Principal R&D Scientist
Reporter US Volume 34.4
Keywords: Absorption, Centrifugation, Derivatizations, Herbicides, High performance liquid chromatography, Mass spectrometry, Metabolites, Pesticides, Phase transitions, Sample preparations, Solid phase extractions

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