



LP ITALIANA SPA

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Capitale Sociale € 309.600,00
R.E.A. MI 882798
Reg. Imp. C.F. e P.I. MI 01794050151

Milano, 31/08/2026

Conformity Declaration

Item code	Lot number	Raw material	Description
291219	(all)	PET	Water samples bottles without Thiosulfate – sterile
292219	(all)	PET	Water samples bottles without Thiosulfate – sterile
295219	(all)	PET	Water samples bottles without Thiosulfate – sterile

LP ITALIANA SPA declares under its responsibility that the above product, to which this declaration refers, complies with the legal requirements of Regulation (EU) No. 10/2011, (including Regulation (EU) 2017/752), 1282/2011 and 1183/2012, Regulation (EU) 1935/2004 and Regulation (EC) 2023/2006 in their current version.

The total migration, as well as the specific migrations are below the legal limit, according to Regulation (EU) 10/2011, if applied according to specifications.

If the product contain substances with restrictions (SML/OM), the limit values listed in Regulation (EU) 10/2011 are complied with. For substances which are not included in the EU list (Annex 1 of Regulation (EU) 10/2011), the national provisions continue to apply.

The above mentioned product is suitable for long-term storage of all foods at room temperature or below, including heating to 70° C for up to 2 h or heating to 100° C for up to 15 min.

With reference to Regulations REACH (n. 1907/2006) concerning the Recording, the Evaluation and the Authorization of the chemical substances applied starting from the 1st of June 2008 and subsequent amendments, the plastic raw materials, as Polymers, are exempt of registration.

The raw materials suppliers declare that the raw material used complies with all the applicable restrictions set by the REACH (EC) No 1097/2006 annex XVII: Restrictions on manufacture, placing on the market and use of certain dangerous substances, preparations and articles and following amendments.

Referring to REACH - Substances of Very High Concern (SVHC), the raw materials used to produce item 112491 do not contain any of the Annex XIV substances on the Authorization list or Annex XIV candidate chemicals proposed to be Substances of Very High Concern for Authorization (List as of June 25th, 2020) above the 0.1 % threshold as stated in REACH (Article 57, Regulation No. 1907/2006) determined either through (i) non-use of the substance, (ii) mass balance calculation, or (iii) specific testing. The current list of all SVHCs can be found at ECHA website link listed below:

<https://www.echa.europa.eu/candidate-list-table>

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TECHNICAL DATA SHEET

PET SQUARE SECTION WIDE NECK BOTTLE

Mod. 10A
Rev. 1 – 09/02/2026

TECHNICAL FEATURES

Trade name	PET polyethylene terephthalate water sample bottle, wide-neck
Use	Suitable for sampling water and/or food substances to be microbiologically analyzed, in the environmental, microbiology and industrial sectors.
Raw material	Body: PET – Polyethylene terephthalate Cap: HDPE – high density polyethylene
Coloring	Body: transparent; Cap: natural
Operating temperature (PET)	From -40 to +50°C
Storage Temperature	Preferably +15°C to +25°C, dry environment (preferably between 50% and 60%)
Other characteristics	Square section base for greater stability; Resistant to drops; Sealing cap, with high grip ribs to facilitate opening and closing even with gloves. Equipped with a label with the batch number and expiration date; red label indicates the presence of sodium thiosulfate solution; blue label indicates no solution
Buffering solution (only for codes where applicable)	Sodium thiosulfate equal to 20mg/liter. For more information, see the section "Tips for better use"

DIMENSIONAL SPECIFICATIONS

Nominal capacity ml.	Base mm.	Height mm.	Total height mm. (with cap)	Mouth diameter mm.	Graduation ml.
125	56 x 56	88	91	46.5	Each 25
250	60 x 60	110	113	46.5	Each 50
500	70 x 70	143	146	46.5	Each 100
1000	90 x 90	160	163	46.5	Each 200

The dimensions and volumes indicated are nominal; Specifications are subject to change without notice, where applicable. Once finished using the product, it must be disposed of in accordance with the regulations.

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TECHNICAL DATA SHEET

PET SQUARE SECTION WIDE NECK BOTTLE

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ITEMS CODE AND PACKAGING

Code	Capacity ml.	Thiosulfate Y/N	Sterile Y/N	Packaging	Qty x box (minimum sales) pcs.	Expiry Date (months)
291218	125	N	Y	-	350	60
291418	125	N	Y	Single	320	60
291518	125	Y	Y	-	350	24
291318	125	Y	Y	Single	320	24
292218	250	N	Y	-	216	60
292418	250	N	Y	Single	216	60
292518	250	Y	Y	-	216	24
292318	250	Y	Y	Single	216	24
295218	500	N	Y	-	120	60
295418	500	N	Y	Single	120	60
295518	500	Y	Y	-	120	24
295318	500	Y	Y	Single	120	24
293218	1000	N	Y	-	72	60
293418	1000	N	Y	Single	72	60
293518	1000	Y	Y	-	72	24
293318	1000	Y	Y	Single	72	24

REGULATORY SPECIFICATIONS

CE Mark	No
Regulatory Standard	Not applicable
Classification	Not applicable
Basic UDI-DI	Not applicable
Microbiological condition	Sterile-R
Suitable for contact with food or substances for personal use	Yes, in accordance with: - EC Regulation 1935/2004; - EC Regulation 10/2011; - Ministerial Decree 21/03/1973 and subsequent amendments; - Presidential Decree 777/82 and subsequent updates

TIPS FOR BETTER USE

General Tips

Following the sampling, the examination of the water samples taken must be carried out as soon as possible, as there are many factors that can intervene, over time, to produce significant variations in the bacterial content, in most cases, all related to the quality of the sampled water (presence of toxic or nutritional substances for the bacterial flora, salinity, pH, etc).

In general, it is suggested to analyze the samples within 24 hours and to transport and store the samples at a temperature between (+4 and +10° C).

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PET SQUARE SECTION WIDE NECK BOTTLE

General information on rear-end collision ratios

The scientific literature provides that with bactericidal, sporicidal, fungicidal and virocidic functions, an oxidizing agent is added to the water, usually a sodium salt (hypochlorite NaClO and/or chlorite NaClO_2) or, more frequently, a mixture of the two.

When taking chlorinated water, it is good to neutralize the free chlorine present, to prevent its bactericidal action during transport and storage of the sample, which would alter the reliability of the test.

For this reason, LP bottles are produced both empty and pre-dosed with Sodium Thiosulfate, which buffers the action of free chlorine, in accordance with: ISO 19458 and/or French standard NFT 90-40.

However, it is not possible a priori to know either the composition of the mixture or the amount of dissolved salts; so normally it is not known how much free chlorine should be "buffered".

Furthermore, depending on the dynamics of inactivation, it is difficult to say what is the amount of sodium thiosulfate ($\text{Na}_2\text{S}_2\text{O}_3$) necessary to neutralize an even known amount of free residual chlorine.

It is therefore suggested to take into account the following indications:

buffering ratio of thiosulfate to hypochlorite $\rightarrow$ 1 mole: 1 mole

infill ratio between thiosulfate and chlorite $\rightarrow$ 4 moles: 1 mole

In order to know the actual weight ratios, these ratios must refer to the respective molecular weights, but quantitative indications are not provided here because they could be misleading or not relevant to the case of the individual user.

It is limited to pointing out that, in the extreme case (all chlorite), about four times the amount of thiosulfate will be required compared to the opposite case of "all hypochlorite".

In general, consider that 18 mg of Sodium Thiosulfate is sufficient to buffer 2 to 5 mg of chlorine.

For the sampling of very chlorinated waters, it is also possible, at the request of the user, to supply bottles containing larger quantities of Thiosulphate.

The canonical solution, for these applications, is 100 mg/l, however, since a slight increase in the concentration of buffering salt does not affect the quality of the sample, bottles containing salt up to 120 mg/l are prepared, typically for sampling swimming pool water.

Since Thiosulfate has no effect on the sample, it is possible to use bottles that contain Sodium Thiosulfate even in the case of non-chlorinated water samples.



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Milano, 16/09/2026

Conformity Declaration

Item code	Lot number	Raw material	Description
29xxxx	(all)	PET	PET Bottles

LP ITALIANA SPA declares under its sole responsibility that the products covered by this Declaration are manufactured using the above-mentioned plastic raw materials supplied by qualified suppliers and assessed within the Company's certified Quality Management System.

Based on the Declarations of Conformity and technical documentation provided by the qualified raw material suppliers, LP ITALIANA SPA confirms that the above materials comply with requirements relating to per- and polyfluoroalkyl substances (PFAS), under the relevant European legislation.

No PFAS are intentionally added during the manufacturing process carried out by LP ITALIANA S.p.A.

This Declaration is based on the documentation received from qualified suppliers and maintained within the LP ITALIANA Supplier Qualification System.

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