

General information

Product: Volumetric Pipette, 1 Mark, AS Class, LINEX®

Manufacturer: Vilabo, Vidros de Laboratório, Lda.

Brand: LINEX®

Additional information: the article is in borosilicate 3.3 glass, according with [ISO 3585](#) standard.

The article follows [ISO 648](#) standards.

Article drawing:



Glass composition:

- Silicon dioxide (SiO₂) – 81% - Hydrolytic resistance of 98°C – [ISO 719](#);
- Boron oxide (B₂O₃) – 13% - Resistance of 121 °C – [ISO 720](#);
- Sodium oxide/ potassium (Na₂O/k₂O) – 4% - Acid resistance – [DIN 12116](#);
- Aluminum oxide (Al₂O₃) – 2% - Alkali resistance– [ISO 695](#).

Chemical properties

- Hydrolytic resistance of 98°C;
- Resistance of 121 °C;
- Acid resistance;
- Alkali resistance;
- Linear expansion coefficient.

Technical information

| Reference | Capacity (ml) | Tolerance (ml) | Lenght (mm) | Units per Box |
|------------------|----------------------|-----------------------|--------------------|----------------------|
| 23 10 128 | 0,5 | ±0,005 | 300 | 10 |
| 23 10 100 | 1 | ±0,008 | 300 | 10 |
| 23 10 102 | 2 | ±0,010 | 330 | 10 |
| 23 10 103 | 2,5 | ±0,012 | 350 | 10 |
| 23 10 104 | 3 | ±0,015 | 350 | 10 |
| 23 10 126 | 4 | ±0,015 | 400 | 10 |
| 23 10 107 | 5 | ±0,015 | 400 | 10 |
| 23 10 108 | 6 | ±0,015 | 400 | 10 |
| 23 10 109 | 7 | ±0,020 | 440 | 10 |
| 23 10 110 | 8 | ±0,020 | 440 | 10 |
| 23 10 127 | 9 | ±0,020 | 440 | 10 |
| 23 10 112 | 10 | ±0,020 | 440 | 10 |
| 23 10 113 | 15 | ±0,030 | 510 | 10 |
| 23 10 114 | 20 | ±0,030 | 510 | 10 |
| 23 10 115 | 25 | ±0,030 | 520 | 10 |
| 23 10 116 | 30 | ±0,030 | 520 | 10 |
| 23 10 117 | 40 | ±0,050 | 540 | 5 |
| 23 10 118 | 50 | ±0,050 | 540 | 5 |
| 23 10 122 | 100 | ±0,080 | 540 | 5 |
| 23 10 124 | 200 | ±0,080 | 540 | 2 |