

# ISO 24166-1:2022-08 (E)

## Snap-on bottles for metering pumps - Part 1: Tubular glass

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Symbols .....	3
5	Dimensions .....	4
5.1	General .....	4
5.2	Vials without sealing ring .....	4
5.3	Vials with sealing ring .....	7
6	Materials .....	10
7	Requirements .....	10
7.1	General requirements .....	10
7.2	Physical requirements .....	10
7.2.1	Vertical force .....	10
7.2.2	Particulate contaminations .....	10
7.3	Chemical requirements .....	11
7.4	Sterilization .....	11
8	Marking of the vial .....	11
9	Packaging options .....	11
9.1	General packaging requirements .....	11
9.2	Packaging for nonsterile glass vials .....	11
9.3	Ready to sterilize or sterile glass vials .....	11
Annex A (informative) Snap-on considerations .....		13
Annex B (informative) Tightness test .....		15
Annex C (informative) Inner depth measuring .....		16
Annex D (normative) Vertical force measurement test method .....		17
Annex E (informative) Example of a packaging configuration .....		19
Bibliography .....		20