

# ISO 5667-26:2022-11 (E)

## Water quality - Sampling - Part 26: Guidance on sampling for the parameters of the oceanic carbon dioxide system

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Principle .....	3
5	Apparatus .....	3
5.1	General .....	3
5.2	Drawing tube .....	3
5.3	Sample container .....	3
5.3.1	General .....	3
5.3.2	Samples for fCO <sub>2</sub> measurement .....	4
5.3.3	Samples for CT and AT measurement .....	4
5.3.4	Samples for pH measurement .....	4
5.4	Mercury dispenser .....	4
6	Reagent: Mercuric chloride solution, HgCl <sub>2</sub> .....	4
7	Procedure .....	5
7.1	General .....	5
7.2	Filling procedure .....	5
7.2.1	Rinse the sample bottle .....	5
7.2.2	Fill the sample bottle .....	5
7.2.3	Adjust the headspace .....	5
7.2.4	Prevent biological activity in the sample .....	5
7.2.5	Close the bottle .....	6
7.2.6	Secure the lid .....	6
7.3	Sample storage .....	6
7.4	Sample documentation .....	6
8	Assurance and quality control .....	7
Annex A (informative)	Determination of the size of a headspace in the sample bottle .....	8
Bibliography .....		11