

ISO 16000-22:2025-02 (E)

Indoor air - Part 22: Detection and quantification of fungal biomass by fungal β -N-acetylhexosaminidase enzyme activity

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle of enzyme-targeted fluorescent detection	2
5	Apparatus and materials	3
6	Reagents	4
7	Sampling	4
7.1	Surface sampling	4
7.2	Porous materials	4
7.2.1	High-density materials (e.g. cementitious materials, such as concrete, plaster, mortar)	4
7.2.2	Low-density materials (e.g. insulation materials such as glass wool or mineral wool)	4
7.3	Air sampling	5
8	Preparation of the fluorometer	5
9	Analysis	5
9.1	General	5
9.2	Surface samples	5
9.3	Analysis of porous materials (both high- and low-density materials)	5
9.4	Analysis of air samples	6
Annex A (informative)	Reaction time and temperature correction and example data interpretation categories	7
Annex B (informative)	Activated sampling -- Protocol for air sampling	10
Bibliography		12