

DIN EN ISO 10808:2011-04 (E)

Nanotechnologies - Characterization of nanoparticles in inhalation exposure chambers for inhalation toxicity testing (ISO 10808:2 010)

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
3.1	Particle measuring systems	6
4	Test substance monitoring method	8
4.1	Principle	8
4.1.1	Exposure	8
4.1.2	Particle properties	8
4.2	Preparation of system	8
4.3	Study	9
5	Specific monitoring method	9
5.1	Requirements for number-based particle size distribution	9
5.2	Measurement of number-based particle size distribution	9
5.3	Mass concentration measurement	10
5.4	Inhalation exposure chamber	10
6	Assessment of results	11
7	Test report	11
Annex A (informative) Example of nanoparticle characterization for inhalation toxicity testing		13
Bibliography		21