

ISO 29701:2010-09 (E)

Nanotechnologies - Endotoxin test on nanomaterial samples for in vitro systems - Limulus amoebocyte lysate (LAL) test

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Terms and definitions	1
3	Abbreviated terms	2
4	Pre-test considerations	3
4.1	Storage of nanomaterials	3
4.2	Storage containers	3
4.3	Handling of nanomaterials	3
5	Test sample	3
5.1	Aqueous dispersion	3
5.2	Aqueous extract	3
6	Preparation of test sample	3
6.1	Dispersion method	3
6.2	Extraction method	4
6.3	Concentration	4
6.4	Storage of test sample	4
6.5	Laboratory environment	4
7	Test methods	5
7.1	Principle	5
7.2	Alternative test methods	5
7.3	Selection and validation of the test method	6
7.4	Test procedures	6
8	Assessment of results	6
8.1	General	6
8.2	Guidance on application of test	7
9	Test report	7
Annex A (informative) Examples of potential interferences to LAL test		8
Annex B (informative) Gel-clot method		9
Annex C (informative) Endpoint photometric method		13
Annex D (informative) Kinetic method		16
Bibliography		19