

ISO/TS 11251:2010-11 (E)

Nanotechnologies - Characterization of volatile components in single-wall carbon nanotube samples using evolved gas analysis/gas chromatograph-mass spectrometry

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Apparatus	2
6	Sample preparation	3
7	Measurement procedures for EGA/MS and EGA/GCMS	3
7.1	General	3
7.2	Measurement procedure of EGA/MS	3
7.3	Measurement procedure of EGA/GCMS	4
8	Data analysis and interpretations of results	4
8.1	Qualitative analysis	4
8.2	Mass loss analysis	4
9	Precision and uncertainties	5
10	Test report	5
Annex A (informative) Case study		6
Bibliography		10