

# ISO 23874:2006-11 (E)

## Natural gas - Gas chromatographic requirements for hydrocarbon dewpoint calculation

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
1	Scope .....	1
2	Normative references .....	1
3	Principle .....	2
4	Materials .....	2
5	Apparatus .....	2
6	Performance requirements .....	3
7	Sampling .....	3
8	Analytical procedure .....	4
9	Methods of test .....	7
10	Uncertainty in composition .....	9
11	Calculation of dewpoint temperature .....	9
12	Analytical uncertainty contribution to dewpoint temperature .....	9
Annex A (informative) Typical analytical conditions for C5 to C12 analysis .....		10
Annex B (informative) Validation of fraction data .....		12
Annex C (informative) Precision of area ratio .....		16
Annex D (informative) Recommendations on sample calibration gas introduction .....		20
Annex E (informative) Calculation of fraction quantities, boiling points and component uncertainties .....		22
Bibliography .....		26