

ISO 23874:2006-11 (E)

Natural gas - Gas chromatographic requirements for hydrocarbon dewpoint calculation

Contents	Page
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