

ISO 24048:2022-11 (E)

Plastics - Determination of bound acrylonitrile content in the continuous phase of acrylonitrile-butadiene-styrene (ABS) by Dumas combustion method

Contents		Page
Foreword		iv
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Principle		1
5 Reagents		1
6 Apparatus		2
7 Sampling and preparation of the specimen		3
7.1 Preparation of cold methanol and settlement of centrifuge		3
7.2 Sample dispersion		3
7.3 Centrifuge separation		3
7.4 Precipitation of continuous phase		3
7.5 Centrifuge and work-up		3
8 Procedure		4
8.1 Calibration		4
8.1.1 General		4
8.1.2 Instrument set up		4
8.1.3 Setting up calibration curve		4
8.2 Measurement		5
8.3 Calculation		5
9 Precision		6
9.1 General		6
9.2 Repeatability, r		6
9.3 Reproducibility, R		6
10 Test report		6
Annex A (informative) Summary of precision data		7
Bibliography		8