ISO 19050:2021-10 (E)

Rubber, raw, vulcanized - Determination of metal content by ICP-OES

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Principle 1

5 Reagents 2

6 Apparatus 2

7 Calibration 4

8 Sample preparation 4
8.1 General 4
8.2 Sampling 5
8.3 Decomposition of organic matter 5
8.3.1 Methods of destruction 5
8.3.2 Wet oxidation 5
8.3.3 Dry ashing 5
8.3.4 Microwave digestion 6
8.4 Preparation of standard solution and test solution 7

9 Procedure 7

10 Test report 10

Annex A (normative) Calibration schedule 11

Annex B (informative)ProcessflowofatomizationofsampleinICP-OES 12

Bibliography 13