ISO 22863-12:2022-09 (E)

Fireworks - Test methods for determination of specific chemical substances - Part 12: Picrates and picric acid by high performance liquid chromatography

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 Preparations 2

8 Procedure 2
8.1 Sample size 2
8.2 Extraction process 3
8.3 HPLC settings 3
8.4 Qualitative analysis 3
8.5 Quantitative determination 3
8.5.1 Standard response curve 3
8.5.2 Sample solution chromatogram 4
8.6 Blank test 4
8.7 Parallel test 4

9 Results calculation 4

10 Precision 4

11 Test report 5

Annex A (informative) HPLC chromatogram of standard picric acid 6