

# ISO 11723:2016-11 (E)

## Solid mineral fuels - Determination of arsenic and selenium - Eschka's mixture and hydride generation method

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Principle .....</b>	<b>1</b>
<b>5</b>	<b>Reagents .....</b>	<b>2</b>
<b>6</b>	<b>Apparatus .....</b>	<b>3</b>
<b>7</b>	<b>Preparation of the test sample .....</b>	<b>3</b>
<b>8</b>	<b>Procedure .....</b>	<b>3</b>
<b>8.1</b>	<b>Blank determination .....</b>	<b>3</b>
<b>8.2</b>	<b>Preparation of test solution .....</b>	<b>3</b>
<b>8.3</b>	<b>Preparation of calibration standards .....</b>	<b>4</b>
<b>8.4</b>	<b>Preparation for measurement .....</b>	<b>4</b>
<b>8.4.1</b>	<b>General .....</b>	<b>4</b>
<b>8.4.2</b>	<b>Arsenic .....</b>	<b>4</b>
<b>8.4.3</b>	<b>Selenium .....</b>	<b>4</b>
<b>9</b>	<b>Measurement by atomic absorption or atomic fluorescence spectrometry after hydride generation .....</b>	<b>4</b>
<b>10</b>	<b>Expression of results .....</b>	<b>5</b>
<b>11</b>	<b>Precision .....</b>	<b>5</b>
<b>11.1</b>	<b>Repeatability .....</b>	<b>5</b>
<b>11.2</b>	<b>Reproducibility critical difference .....</b>	<b>6</b>
<b>12</b>	<b>Test report .....</b>	<b>6</b>