

# DIN EN 17746:2023-07 (E)

## Electronic cigarettes and e-liquids - Determination of nicotine delivery consistency over defined puff sequences within a single e-cigarette

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
<b>1</b>	<b>Scope .....</b>	<b>4</b>
<b>2</b>	<b>Normative references .....</b>	<b>4</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>4</b>
<b>4</b>	<b>Principle .....</b>	<b>6</b>
<b>5</b>	<b>Apparatus .....</b>	<b>6</b>
<b>6</b>	<b>Sampling .....</b>	<b>6</b>
<b>7</b>	<b>Generation of aerosol collected mass for determination of consistency of nicotine delivery .....</b>	<b>6</b>
<b>7.1</b>	<b>Sample preparation for analytical vaping .....</b>	<b>6</b>
<b>7.1.1</b>	<b>General .....</b>	<b>6</b>
<b>7.1.2</b>	<b>Disposable e-cigarettes .....</b>	<b>6</b>
<b>7.1.3</b>	<b>Rechargeable E-cigarettes .....</b>	<b>6</b>
<b>7.1.4</b>	<b>Refillable E-cigarettes .....</b>	<b>6</b>
<b>7.2</b>	<b>Preliminary tests before vaping .....</b>	<b>7</b>
<b>7.3</b>	<b>Vaping and collection of aerosol collected mass .....</b>	<b>7</b>
<b>7.3.1</b>	<b>Vaping plan .....</b>	<b>7</b>
<b>7.3.2</b>	<b>Collection of the aerosol .....</b>	<b>7</b>
<b>7.3.3</b>	<b>Setting up the vaping machine .....</b>	<b>7</b>
<b>7.3.4</b>	<b>Procedure for vaping run .....</b>	<b>7</b>
<b>7.4</b>	<b>Determination of nicotine .....</b>	<b>8</b>
<b>7.5</b>	<b>Determination of nicotine delivery consistency .....</b>	<b>9</b>
<b>8</b>	<b>Test report .....</b>	<b>9</b>
<b>Bibliography .....</b>		<b>11</b>