

# ISO 4716:2013-08 (E)

## Essential oil of vetiver [Chrysopogon zizanioides (L.) Roberty, syn. Vetiveria zizanioides (L.) Nash]

---

<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>Requirements .....</b>	<b>1</b>
4.1	Appearance .....	1
4.2	Colour .....	1
4.3	Odour .....	2
4.4	Relative density at 20 °C, d <sub>20</sub> 20 .....	2
4.5	Refractive index at 20 °C .....	2
4.6	Optical rotation at 20 °C .....	2
4.7	Miscibility in ethanol 80 % volume fraction at 20 °C .....	2
4.8	Acid value .....	2
4.9	Chromatographic profile .....	2
4.10	Flashpoint .....	3
<b>5</b>	<b>Sampling .....</b>	<b>3</b>
<b>6</b>	<b>Test methods .....</b>	<b>3</b>
6.1	Relative density at 20 °C, d <sub>20</sub> 20 .....	3
6.2	Refractive index at 20 °C .....	3
6.3	Optical rotation at 20 °C .....	3
6.4	Miscibility in ethanol 80 % volume fraction at 20 °C .....	3
6.5	Acid value .....	3
6.6	Chromatographic profile .....	3
<b>7</b>	<b>Packaging, labelling, marking and storage .....</b>	<b>4</b>
<b>Annex A (informative) Typical chromatograms of the analysis by gas chromatography of the essential oil of vetiver [Chrysopogon zizanioides (L.) Roberty, syn. Vetiveria zizanioides (L.) Nash] .....</b>		<b>5</b>
<b>Annex B (informative) Flashpoint .....</b>		<b>10</b>
<b>Bibliography .....</b>		<b>11</b>