

ISO 3528:2012-07 (E)

Essential oil of mandarin, Italian type (*Citrus reticulata* Blanco)

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Requirements	1
4.1	Appearance	1
4.2	Colour	2
4.3	Odour	2
4.4	Relative density at 20 °C, d ₂₀ 20	2
4.5	Refractive index at 20 °C	2
4.6	Optical rotation at 20 °C	2
4.7	Residue on evaporation	2
4.8	Miscibility with 90 % (volume fraction) ethanol at 20 °C	2
4.9	Acid value	3
4.10	Chromatographic profile	3
4.11	Flashpoint	3
5	Sampling	3
6	Test methods	3
6.1	Relative density at 20 °C, d ₂₀ 20	3
6.2	Refractive index at 20 °C	4
6.3	Optical rotation at 20 °C	4
6.4	Residue on evaporation	4
6.5	Miscibility with 90 % (volume fraction) ethanol at 20 °C	4
6.6	Acid value	4
6.7	Chromatographic profile	4
7	Packaging, labelling, marking and storage	4
Annex A (informative)	Typical chromatograms of the analysis by gas chromatography of the essential oil of mandarin, Italian type (<i>Citrus reticulata</i> Blanco)	5
Annex B (informative)	Flashpoint	8
Bibliography		9