



INDENTA™

Chemicals (India) Pvt. Ltd.

(ISO 9001:2008 Certified Company)



JAS-ANZ



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Specifications

Product	:	Fir Needle Oil
CAS No.	:	8021-29-2
Botanical Name	:	Abies sibirica
Product Code	:	2143

TESTS	SPECIFICATIONS
Appearance	Colorless to light yellow clear liquid.
Odor	Characteristic sweet woody odor.
Solubility	Soluble in alcohol and oils. Insoluble in water.
Specific Gravity	0.895–0.908 @ 20°C
Optical Rotation	-60.0–30.0 @ 20°C
Refractive Index	1.450–1.500 @ 20°C
Bornyl Acetate	26.5–30.5%
Camphene	20–25%
Limonene and-phellandrene	5–10%
Alpha pinene	10–20%
Acid Number	0.30mgKOH/g