

TECHNICAL DATASHEET

Sample Identification

Part Number:	10012-101	R09
Product Type:	ESSENTIAL OIL	
Description:	BALSAM FIR ORGANIC	
Part:	Twig & Needle	
Latin name:	<i>Abies balsamea</i>	
Purity:	100% pure and natural	
Country of Origin:	Canada	
CAS Number:	8016-42-0 (IOFI), 85085-34-3 (EU), 8021-28-1	
FEMA Number:	2114	
EINECS Number:	232-362-2	

Certification



Organoleptic properties

Property	Specification
Aspect	Liquid
Color	Clear light yellow to greenish liquid
Odor	Balsamic, Fruity, Citrus

Chemical and Physical properties

Shelf Life (years)	3
Specific gravity (20/20)	0.862-0.880
Refractive Index (20/20)	1.4700-1.5000
Flash Point (deg C)	43.0-43.0

Main components

Component	CAS	Specification
α -pinene	80-56-8	14.0-22.0%
Camphene	79-92-5	3.0-7.0%
β -pinene	127-91-3	28.0-38.0%
Limonene	5989-27-5	9.0-20.0%
Bornyl Acetate	76-49-3	3.0-10.0%
Δ^3 -Carene	13466-78-9	4.0-20.0%
β -Phellandrene	555-10-2	3.0-12.0%

Handling

See Safety Data Sheet (SDS) for handling conditions.