

Myrrh Essential Oil Analysis

Product:	Myrrh Essential Oil
INCI Name:	Commiphora Myrrha Oil
Country of Origin:	Somalia
Botanical part:	Gum
Botanical Name:	Commiphora myrrha Engler
CAS Number:	84929-26-0

Characteristics:

	Requirement	Result
Appearance:	Clear liquid	Conforms
Colour:	Ambered yellow to greenish-yellow	Conforms
Odour:	Soft, woody, warm-spicy	Conforms
Specific Gravity (gr/ml) @ 20°C:	0.990-1.040	1.003
Refractive Index @ 20°C:	1.520-1.531	1.524

GC/MS/FID Analysis (%):

1	Furanoeudesma-1,3-Diene	32.58
2	Curzerene	24.97
3	Lindestrene	10.13
4	β -Elemene	5.11
5	Methoxyfuranogermacrene	4.24
6	Germacrene B	3.41
7	Germacrene D	1.82
8	δ -Elemene	1.13
9	p-Cymene	0.01