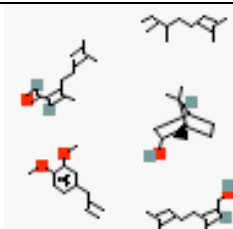


## **Appendix B6**

### **Physico-Chemical Properties and Chemical Classes of Fragrance Ingredients Tested in the LLNA**

***[This Page Intentionally Left Blank]***

### Physico-Chemical Properties and Chemical Classes of Fragrance Ingredients Tested in the LLNA (Sorted Alphabetically)

Substance Name	Synonyms	CASRN	Molecular Weight (g/mol)	Log Kow <sup>1</sup>	Physical Form	Chemical Class <sup>2</sup>	Structure <sup>3</sup>
Basil oil	Ocimum basilicum oil	8015-73-4	NA	NA	Liquid	Lipids	NA
Citronella oil	Cymbopogon nardus oil	8000-29-1	NA	3.53	Liquid	Lipids	NA
Clove Oil	Clove leaf oil Clove stem oil	8000-34-8	NA	NA	Liquid	Lipids	NA
Geranium oil	Geranium maculatum oil	8000-46-2	NA	NA	Liquid	NA	NA
Jasmine absolute	Gardenia jasminoides, ext.	92457-01-7	NA	NA	NA	NA	NA
Lemongrass oil	Citral terpenes; 1,2-dimethoxy-4-prop-2-enylbenzene	8007-02-1	777.21	NA	Liquid	NA	
Litsea cubeb oil	Litsea cubeba	68855-99-2	NA	NA	Liquid	NA	NA
Oakmoss	Oak moss extract, absolute	68917-10-2	NA	NA	NA	NA	NA
Palmarosa oil	Cymbopogon martini oil	8014-19-5	NA	NA	NA	NA	NA
Spearmint oil	Mentha spicata oil	8008-79-5	NA	NA	Liquid	NA	NA
Treemoss	Cedar moss extract	68648-41-9	NA	NA	NA	NA	NA
Ylang Ylang Oil	Cananga oil	68606-83-7 8006-81-3	NA	NA	NA	NA	NA

Abbreviations: CASRN=Chemical Abstract Services Registry Number; g/mol=Grams per mole; Kow=Octanol-water partition coefficient; NA=Not available.

<sup>1</sup>Kow represents the octanol-water partition coefficient (expressed on log scale) obtained from the website: [http://www.syrres.com/esc/est\\_kowdemo.htm](http://www.syrres.com/esc/est_kowdemo.htm).

<sup>2</sup>Chemical classifications based on the Medical Subject Headings classification for chemicals and drugs, as developed by the National Library of Medicine at: <http://www.nlm.nih.gov/mesh/meshhome.html>.

<sup>3</sup>Chemical structures, based on CASRN, were obtained from ChemID available at: <http://chem.sis.nlm.gov/chemidplus/chemidheavy.jsp>.

***[This Page Intentionally Left Blank]***