



Interdisciplinary Education Group

Liquid Crystal Sensors—Materials

Specialty Bottle

<http://www.specialtybottle.com>

206-340-0459

\$.51 per glass vial

Sigma-Aldrich

<http://www.sigmaaldrich.com>

aldtchsv@sial.com

800-325-3010

Cholesteryl oleyl carbonate

Product No. 151157

CAS No. 17110-51-9

\$12.10 for 5g

Cholesteryl pelargonate 97 %

Product No. C78801

CAS No. 1182-66-7

\$23.50 for 25g

Cholesteryl benzoate 98 % (2,4-dichlorobenzoate was not available, but this should work too according to the literature)

Product No. C75802

CAS No. 604-32-0

\$28.30 for 25g

Science Kit & Boreal Laboratories

<http://sciencekit.com>

Temperature sensitive liquid crystal sheets (12 x 12 inch)

WW3072375 (68 - 77°F)

WW3072374 (77 - 86°F)

WW3072373 (86 - 95°F)

WW3072371 (95 - 104°F)

Authors

IPSE Interns: Beixin Julie He and Jeffrey S. Maxwell

IPSE Leadership Team: Wendy deProphetis, J. Aura Gimm, Tom Derenne, and Wendy C. Crone