

# Lovibond® Colour Measurement

Tintometer® Group



## Colour Laboratory

### Lovibond® specialised colour analysis service

- Available on a test by test basis
- Or as an outsource facility worldwide

# Lovibond® Colour Laboratory



Many circumstances exist where some form of colour measurement is necessary to quantify and assess a product's colour or where colour is an indirect measure of product quality or processing performance. However, industry standards and specifications for colour measurement vary widely by product type, depending on colour characteristics and historical acceptance, and companies cannot always justify investment in measuring equipment for single or intermittent demand. With this in mind, the Tintometer Group, the well-known supplier of colour measurement equipment, has established The Colour Laboratory, a specialised colour analysis service that is available on a test by test basis or as an outsource facility to companies around the world.

Tintometer's Colour Laboratory has a range of electronic and visual colour measuring instruments for transmittance (regular), diffuse transmittance and diffuse reflectance applications. These cover a range of accuracies to suit the customer's application and budget. The reflectance measurements can be made in sphere based geometries (specular included and specular excluded), 0°/45° and near normal geometries.

The Laboratory provides a flexible service that is suitable for a broad range of sample types, including but not restricted to: edible, mineral and industrial oils, chemicals and pharmaceuticals, cosmetics, household and personal care products, foodstuffs and beverages, waters and effluents, coatings, inks, painted articles, plastics, rubbers, powders, pellets, packaging, textiles and ceramics.

All samples are measured under the control of Tintometer's ISO 9001:2000 quality management system. Colour analysis can be carried out using the best techniques as advised by our expert and experienced laboratory staff or using the customer's specific methodology. Measurements can be made to relevant British, European, American, International and other standards and specifications. The Colour Laboratory will provide a colour report stating the instruments used, the measurement conditions, requested spectral data, colour values obtained, requested colour indices and any other observations and comments that are relevant to the measurements made.

In addition to the ISO measurements, Tintometer has been awarded UKAS (United Kingdom Accreditation Service) accreditation as a calibration laboratory for a number of transmittance based measurements including spectral data, CIE colorimetric values (ASTM Colour, Gardner Colour and Saybolt Colour). The colour measurements data for these services is provided with a calibration certificate and is directly traceable to national standards.

