

Technical Data Sheet

Sunsorb M50

Lauryl Glucoside (and) Xanthan Gum (and) Dipropylene Glycol (and) Methylene Bis-Benzotriazolyl Tetramethylbutylphenol (and) Aqua
 CAS# 110615-47-9 (and) 11138-66-2 (and) 110-98-5 (and) 103597-45-1 (and) 7732-18-5

Description

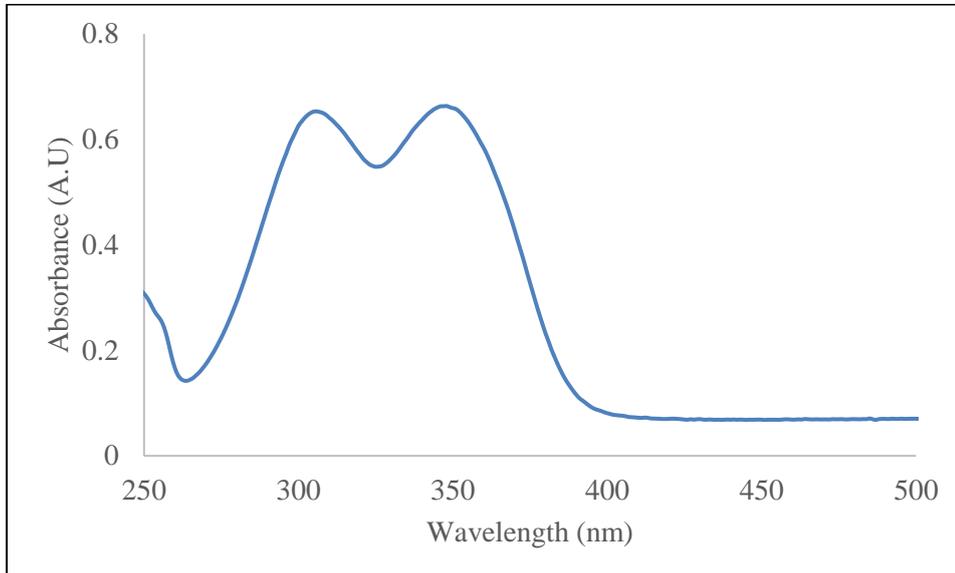
Sunsorb M50 exhibits absorption over a broad UV range. Its UV spectrum region is wide enough to include the UV region as well as some blue light region. Sunsborb M50 also increases the photostability of other UV filters.

Sunsorb M50 is micro-dispersion product that is easily compatible with most cosmetic ingredients. Sunsborb M50 micro-dispersion can be post-added to emulsions, making it suitable for cold process formulations.

Specifications

Item	Specification
Appearance	White viscous dispersion
pH	10.0 ~ 11.5
Viscosity (mPas, 25°C)	200 ~ 1,000
λ_{max1} (nm)	306 ± 5
λ_{max2} (nm)	348 ± 5
Specific absorption (E1/1, 348nm in dichloromethane)	288 ~ 312
Active Contents (%)	48.0 ~ 52.0
Loss on Drying (% , 1g, 135°C, 1hr)	43.0 ~ 47.0
Total Molds (cfu/g)	≤ 100

UV Absorption Spectrum



Applications

It can be applied to various kinds of sun care products.

Storage

Keep container tightly sealed and store in a cool, well-ventilated area. Keep away from moisture. Keep the storage temperature between 0°C and 40°C.

Shelf Life 2 years