

Technical Data Sheet

Sunsorb TDSA

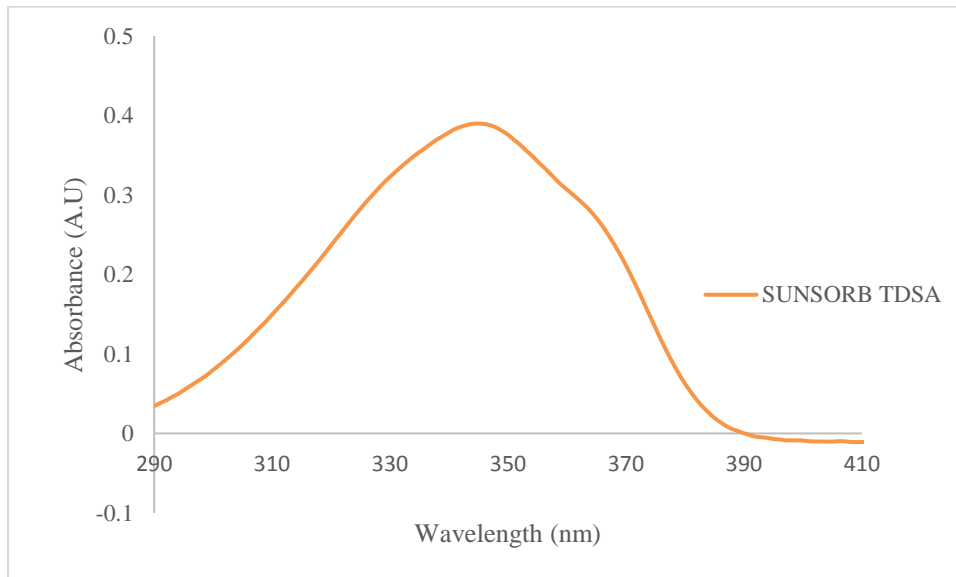
Description

Sunsorb TDSA is a specially designed water-soluble UV absorber. Sunsorb TDSA covers a wide range of UVA. Also, as a water-soluble product, it is easy to use with other cosmetic ingredients.

Specifications

Item	Specification
Appearance	Yellow to brownish liquid
Assay (%)	30 ~ 34
λ_{\max} (nm)	342 ~ 346
pH	0.9 ~ 1.0
Acid value (mgKOH/g)	65.0 ~ 70.0
Chloride (% , Ecamsule)	≤ 0.3
Sodium (% , Ecamsule)	≤ 0.3
Impurity (% , Ecamsule)	
Impurity A	≤ 0.2
Impurity B	≤ 0.2
Impurity C	≤ 0.2
Impurity D	≤ 1.3
Impurity E	≤ 0.7
Impurity F	≤ 0.7
Impurity G	≤ 0.2
Exo-2-hydroxyecamsule	≤ 0.2
Endo-2-hydroxyecamsule	≤ 0.3
Any single unspecified impurity	≤ 0.5
Total impurity	≤ 5.0

UV Absorption



Applications

- UVA filter for sunscreen products

Storage

Inside storage should be in a cool well-ventilated location. Keep away from all possible sources of ignition. Keep away from heat, steam pipe or direct sunlight. Keep container tightly closed.

Shelf Life 2 years