

**Cosmate®THDA**  
**Technical Data Sheet***Version:2.0 Date/revise: Jan. 05,2023*

**Description:** Cosmate®THDA, Tetrahexyldecyl Ascorbate is a stable, oil-soluble form of vitamin C. It helps support skin's collagen production and promotes a more even skin tone. As it is a powerful antioxidant, it fights free radicals that damage skin.

**INCI-Name:** Tetrahexyldecyl Ascorbate

**CAS NO.:** 183476-82-6

**Molecular Formula:** C70H128O10

**Technical Parameters:**

DETECH ITEM	STANDARD
Appearance	Colorless to light yellow liquid
Odor	Characteristic
Identification IR	Conforms
Assay	98.0% min.
Color(APHA)	100max.
Specific gravity	0.930-0.943g/ml <sup>3</sup>
Refractive index(25°C)	1.459-1.465
Heavy metals(as Pb)	10ppm max.
Arsenic(As)	3ppm max.
E.Coli	Negative
Total Plate Count	1,000 cfu/g
Yeasts&Molds	100 cfu/g

**Package:** 20KG/Drum

**Shelf Life:** 24 Months