

# Vitamin C (Tetrahexyldecyl Ascorbate)

<b>INCI name</b>	Tetrahexyldecyl Ascorbate
<b>Trade name</b>	Vitamin C (Tetrahexyldecyl Ascorbate)
<b>Molecular weight</b>	1129,8
<b>Cas-No.:</b>	183476-82-6
<b>Synonym:</b>	Ascorbyl Tetra 2-hexyldecanoate Ascorbyl Tetraisopalmitate
<b>Application</b>	cosmetics
<b>Packaging</b>	bags
<b>Filling quantity</b>	1 kg/bag 5 kg/bag special packaging and smaller fillings quantity on request
<b>Shelf life</b>	up to 2 years, not opened
<b>Storage conditions</b>	dry and cool avoid direct sunlight and heat



# Product Specification

## Vitamin C (Tetrahexyldecyl Ascorbate)

Test	Specification	Batch WL200410J
Identification	HNMR	conforms
Appearance	white or almost white powder or granules	conforms
Odor	slight characteristic odor	conforms
Color (APHA)	< 100	conforms
Specific gravity	0,930 - 0,943 g/cm <sup>3</sup>	0,931 g/cm <sup>3</sup>
Refractive Index (25 °C)	1,459 - 1,465	1,462
Assay	<95,0 %	99,05 %
Total bacteria	< 100 cfu/g	conforms
Molds & Yeasts	< 10 cfu/g	conforms
Staphylococcus aureus	negative	negative
Pseudomonas aeruginosa	negative	negative
Thermotolerant Coliforms	Negative	Negative
Heavy metal	< 20 mg/kg	Conforms
Cd	< 5 mg/kg	< 5 mg/kg
Hg	< 1 mg/kg	< 1 mg/kg
As	< 2 mg/kg	< 2 mg/kg
Pb	< 5 mg/kg	< 5 mg/kg

