

Commercial Name	VITAMIN C TETRA E
INCI name	Ascorbyl tetraisopalmitate or Tetrahexyldecyl ascorbate

ORGANOLEPTIC CHARACTERISTICS	NORM	
FORM	Liquid	Internal procedure EPH.PCQP.020 <i>Observation / Comparison to a standard</i>
COLOR	Light yellow	Internal procedure EPH.PCQP.021 <i>Observation / Comparison to a standard</i>
ODOR	Characteristic	Internal procedure EPH.PCQP.022 <i>Scent / Comparison to a standard</i>
PHYSICOCHEMICAL CHARACTERISTICS	NORM	
DENSITY at 20°C	$0.920 \leq d \leq 0.950$	Internal procedure EPH.PCQP.018 <i>Pycnometer analysis</i>
SOLUBILITY	Liposoluble	Internal procedure EPH.PCQP.029 <i>Light scattering observation</i>
REFRACTIVE INDEX	1.46 – 1.47	Internal procedure EPH.PCQP.017 <i>Refractometer analysis</i>
PURITY UV	> 96%	HPLC – LC/MS Reverse phase
MICROBIOLOGY	NORM	
TOTAL AEROBIC MICROBIAL	< 100 UFC/ml	ISO 21149 EPH.PCQP.006 <i>Plate Count</i>
YEASTS & MOLDS	< 100 UFC/ml	ISO 16212 EPH.PCQP.006 <i>Plate Count</i>