

# Technical Data Sheet

## YANTQ® AP (ASCORBYL PALMITATE)



Composition	L-Ascorbyl 6-palmitate
CAS No.	137-66-6
EC No.	205-305-4
Molecular Formula	C <sub>22</sub> H <sub>38</sub> O <sub>7</sub>
Molecular Weight	415

Property	Unit	Typical Value	Test Method
Appearance	-	White to Yellowish White Powder	Visual
Identification	-	Passes	QCD/TM/218
Assay (Titration)	%	95.0 - 100.5	QCD/TM/42
Melting Point	°C	107.0 - 117.0	QCD/TM/25
Solubility	-	Soluble in Olive oil, Ethanol, Peanut Oil, Sunflower Oil	QCD/TM/81
Lead (as Pb)	ppm	2.0 Max.	QCD/TM/94
Loss on Drying (56° - 60°C for 1 hr)	%	2.0 Max.	QCD/TM/24
Specific Optical Rotation (25°C)	°	+21 to +24	QCD/TM/29
Sulphated Ash	%	0.1 Max.	QCD/TM/11
Heavy metal (as Pb)	ppm	10.0 Max.	QCD/TM/92
Mercury	ppm	1.0 Max.	QCD/TM/95
Zinc	ppm	3.0 Max.	QCD/TM/100
Copper	ppm	3.0 Max.	QCD/TM/91
Arsenic	ppm	3.0 Max.	QCD/TM/88
Free from extraneous matter or foreign particles	-	Passes Test	QCD/TM/20

### Application:

YANTQ® AP is used as an Antioxidants for fat containing Cereals, Margarine and fats, oils & cosmetics.

### Packing:

Available in 25 Kg. Drum.

### Storage stability:

Store in a cool and dry place. Stable for up to 12 months from the date of manufacturing when stored in the original packing material in a cool and dry environment.

### Safety:

Please refer safety data sheet.

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Although every care has been taken in the completion of the above information & recommendation they are offered in good faith without guarantee.