

HUBEI SHILUO TECHNOLOGY CO., LTD

Specification of Ascorbyl Palmitate

Product: Ascorbyl Palmitate Package: 25KG/DRUM Type: Food Grade

ltem	Standard Results		Method
Appearance Identification Appearance of solution Assay Specific Rotation Loss on Drying Sulphated ash Heavy Metals	White or yellowish-white powder IR or Specific Rotation or Chemical method Clear and ≤BY4 98.0%~100.5% +21.0°~+24.0° ≤1.0% ≤0.1% ≤10ppm	White powder Positive Clear and <by4 +23.02°="" 0.06%="" 0.24%="" 98.92%="" <10ppm<="" th=""><th>Organoleptic Ph.Eur. Ph.Eur. Ph.Eur. USP Ph.Eur. Ph.Eur. USP</th></by4>	Organoleptic Ph.Eur. Ph.Eur. Ph.Eur. USP Ph.Eur. Ph.Eur. USP
Appearance Identification Assay Specific Rotation Loss on Drying Residual solvents Residue on Ignition	A white to yellowish white powder IR or HPLC 95.0%~100.5% +21.0°~+24.0° ≤2.0% ≤0.5% ≤0.1%	White powder Positive 98.98% +23.02° 0.24% Conforms 0.06%	Organoleptic USP USP USP Ph.Eur. USP USP
Appearance Identification Assay Specific Rotation Loss on Drying Melting Point Residue on Ignition Lead	A white or yellow-white powder Chemical method or IR ≥95.0% +21.0°~+24.0° ≤2.0% 107°C~117°C ≤0.1% ≤2ppm	White powder Positive 98.98% +23.02° 0.24% 112.5°C~114.0°C 0.06% <2ppm	Organoleptic FCC USP USP Ph.Eur. USP USP AAS
Appearance Assay Specific Rotation Loss on Drying Melting Point Sulphated ash Lead Arsenic	White or yellowish white solid Min.98% +21.0°~+24.0° ≤1.0% 107°C~117°C ≤0.1% ≤2ppm ≤3ppm	White powder 98.92% +23.02° 0.24% 112.5°C~114.0°C 0.06% <2ppm <3ppm	Organoleptic Ph.Eur. USP Ph.Eur. USP Ph.Eur. AAS Ch.P.
Mercury Cadmium	≤0.1ppm ≤1ppm	<0.1ppm <1ppm	AAS AAS

We certify that this batch of Ascorbyl Palmitate conforms to the current BP/USP/FCC/Ph.Eur./E304.

Shelf Life: 24months

Storage: well-closed packages stored in shaded, cool, dry, clean and ventilated places on pallets; prohibited to be placed together with poisonous or harmful substances. Open and use.

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