

Product description

Description Vitamin C exists in oxidized or reduced form as L-ascorbic acid. It is very susceptible to destruction, mainly due to light and heat.

Appearance White or almost white crystals
Crystalline Powder.

Physical chemical analysis

Melting point about 190°C

PH (2% solution in water) 2.4 – 2.8

PH (5% solution in water) 2.1 – 2.6

Clarity of solution Clear

Colour of solution ≤ BY7

Copper ≤ 5 ppm

Heavy metals ≤ 10 ppm

Mercury < 0.1 mg/kg

Lead ≤ 3 ppm

Cadmium (Cd) < 1 mg/kg

Oxalic Acid ≤ 0.2%

Iron ≤ 2 ppm

Loss of drying ≤ 0.4%

Sulphate ash (residue on ignition) ≤ 0.1%

Specific optical rotation +20.5° - +21.5°

Assay 99 - 100.5%

Impurity-C Negative

Other specs

Shelf life 24 months

Storage Store in a dry, cool place

Transport Loose in bulk

Our certificates

