

## SPECIFICATION

### VITAMIN C (ASCORBIC ACID), BP, FOOD GRADE

**Code:** C4 335  
**CAS:** [50-81-7]  
**EINECS:** 200-066-2

	<b>Specification</b>	<b>Unit</b>
Appearance	white crystals	/
Clarity of solution	clear	/
Colour	BY7	/
Identification	Positive reaction	/
Melting point	190	°C
pH	2,4 - 2,8	/
Cu (Copper)	≤ 5	ppm
Heavy metals (as Pb)	≤ 10	ppm
Hg (Mercury)	< 0,1	mg/kg
Pb (Lead)	< 2	ppm
As (Arsenic)	≤ 3	ppm
Cd (Cadmium)	< 1	mg/kg
Oxalic acid	≤ 0,2	%
Fe (Iron)	≤ 2	ppm
Loss on drying	≤ 0,4	%
Specific rotation	+20,5° - +21,5	
Particle size	40 - 80	mesh
Residue on ignition (as SO <sub>4</sub> )	≤ 0,1	