

Material 83511.360  
Material description L(+)-Tartaric acid  
Grade Ph.Eur. powder

CAS Number 87-69-4  
Molecular formula C<sub>4</sub>H<sub>6</sub>O<sub>6</sub>  
Molecular mass 150.09

Additional information

Characteristics	Specifications
Assay (calculated on dried substance)	99.5 --> 101.0 %
Appearance	Conforms (see CoA/CoS)
Identification A	Passes test
Identification (Tartarates)	Passes test
Solution S	Passes test
Appearance of solution	Passes test
Spec. opt. rotation (dried substance)	12.0 --> 12.8 °
Oxalic acid (calculated on anhydrous)	Max. 360 ppm
Cl (Chloride)	Max. 100 ppm
SO <sub>4</sub> (Sulphate)	Max. 150 ppm
Ca (Calcium)	Max. 200 ppm
Heavy metals (as Pb)	Max. 10 ppm
Loss on drying (105°C)	Max. 0.2 %
Sulphated ash	Max. 0.1 %
Residual solvents	Unlikely by manuf.process
As (Arsenic)	Max. 2 ppm
Cd (Cadmium)	Max. 1 ppm
Co (Cobalt)	Max. 1 ppm
Hg (Mercury)	Max. 2 ppm
Ni (Nickel)	Max. 1 ppm
Pb (Lead)	Max. 2 ppm
V (Vanadium)	Max. 1 ppm
Conforms to Ph.Eur.	Passes test

## Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Anja Vanhalle, Head of Laboratory - Haasrode  
VWR International bvba; Geldenaaksebaan 464; BE-3001  
Leuven; Belgium

## Additional information

Appearance: White or almost white, crystalline powder or colourless crystals.

Not for use as Active Pharmaceutical Ingredient (API)