

## Specification Sheet

Product Name: **L(+)-Tartaric acid**  
Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure  
SKU #: **L434307**

Parameter	Limit Values
Specific Rotation [α] <sub>20</sub> /D(c=20 in H <sub>2</sub> O)	12-13 (°)
Chloride (Cl <sup>-</sup> )	0-5 (ppm)
Phosphate(PO <sub>4</sub> )	0-10 (ppm)
Calcium(Ca)	0-20 (ppm)
Iron(Fe)	0-5 (ppm)
Heavy metal (as Pb)	0-5 (ppm)
Loss on drying(105°C)	0-0.2 (%)
NMR Spectrum 1H	Conforms to structure
Assay(alkalimetric , calculated on dried substance)	99.5-101 (%)
Appearance of solution(transparent)	pass
Insoluble matter	0-50 (ppm)
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-50 (ppm)
Total Sulfur as SO <sub>4</sub> (SO <sub>4</sub> )	0-20 (ppm)
Copper(Cu)	0-5 (ppm)
Lead(Pb)	0-5 (ppm)
Oxalic acid	0-350 (ppm)
Sulphated ash	0-100 (ppm)