Specification

1.00804.0000 L(+)-Tartaric acid for analysis EMSURE® ACS,ISO,Reag. Ph Eur

	Spec. Values	
Assay (alkalimetric)	≥ 99.5	%
Assay (alkalimetric, calculated on dried substance)	99.5 - 101.0	%
Identity	passes test	
Appearance of solution	passes test	
Insoluble matter	≤ 50	ppm
Spec. rotation [α]20/D (20 %; water calculated on dried substance)	12.0 - 12.8	°
Chloride (Cl)	≤ 5	ppm
Phosphate (PO_4)	≤ 10	ppm
Sulfate (SO_4)	≤ 50	ppm
Total sulfur (as SO_4)	≤ 20	ppm
Ca (Calcium)	≤ 20	ppm
Cu (Copper)	≤ 5	ppm
Fe (Iron)	≤ 5	ppm
Pb (Lead)	≤ 5	ppm
Heavy metals (as Pb)	≤ 5	ppm
Oxalate (C_2O_4)	passes test	
Oxalic acid	≤ 350	ppm
Sulfated ash	≤ 100	ppm
Loss on Drying (105 °C)	≤ 0.2	%

Corresponds to ACS,ISO,Reag. Ph Eur

Kristin Starke
Responsible laboratory manager quality control

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