

# Certificate of Analysis

## L(+) Tartaric Acid

We certify having tested the above material and found it to comply with the requirements of the BRITISH PHARMACOPOEIA, EUROPEAN PHARMACOPOEIA, FOOD CHEMICALS CODEX, UNITED STATE OF AMERICAN PHARMACOPOEIA and the NATIONAL FORMULARY OF THE UNITED STATE OF AMERICA.

ANALYSIS	SPECIFICATION	RESULT
Description and Identification	To Comply with BP/Ph, EUR/Ph, F.C.C., US/Ph and N.F.	Complies
Solution (40% w/v water)	Substantially clear and free from "foreign" matter	Complies
ASSAY (dry basis)	99.7% to 100.5%	99.9%
LOSS ON DRYING	Max. 0.2%	0.01%
IRON	Max. 20ppm	Under 20ppm
ARSENIC	Max. 1ppm	Negative
HEAVY METALS	Max 10ppm	Under 10ppm
LEAD	Max 10ppm	Under 10ppm
IRON	Max. 20ppm	Under 20ppm
SULPHATE	Max. 150ppm	Under 150ppm
CHLORIDE	Max. 100ppm	Under 100ppm
OXALIC ACID	Negative	Negative
SULPHATED ASH	Max 0.05%	Under 0.05%
SPECIFIC ROTATION	+12/+12.8	Complies

### SIEVE ANALYSIS

3.60	% Refusing 850	microns
2.10	% Refusing 250	microns

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