

2 Wingrove St, Alphington VIC 3078
Tel: 1300 795 332

ABN: 28 642 293 463



Certificate of Analysis

Product Name	Tartaric Acid
Chemical Name	2,3-Dihydroxybutanedioic acid
Origin	Italy
CAS-No	87-69-4
Batch NO	B21X3608
Expire date	08/09/2026

TEST DESCRIPTION	U.M	SAMPLE	STANDARD	REFERENCE
DESCRIPTION		A white or almost white, crystalline powder or colourless crystals, very soluble in water, freely soluble in alcohol		PH.Eur.
ASSAY	%	100,1	99.8-100.5	PH.Eur.
IDENTIFICATION		Meets PH.Eur. identification test.		PH.Eur.
APPEARANCE OF SOLUTION Solubility: 147gr/100ml in water at 25 °C pH=2,2-1,47g/ml in water		The solution is clear and not more intensely coloured than reference solution.		PH.Eur.
SPECIFIC ROTATION 20%W/V	°	12.38	12.0-12.8	PH.Eur.
MELTING POINT	°C	169.3	168-170	D.M.19911. 11.09
OXALIC ACID	ppm	<50	50 max	PH.Eur.

CHLORIDES	ppm	<20	100 max	PH.Eur.
SULPHATES	ppm	<100	100 max	PH.Eur.
CALCIUM	ppm	<40	200 max	PH.Eur.
HEAVYMETALS as Pb)	ppm	<4	4 max	PH.Eur.
LOSS ON DRYING	%	0.08	0.20 max	PH.Eur.
SULPHATED ASH	%	0.02	0.05 max	PH.Eur.
IRON	ppm	<5	5 max	Codex Oenol. Intern.
LEAD	ppm	<0.05 (*)	0.5max	Our own limit
MERCURY	ppm	<0.10 (*)	0.5max	Our own limit
NICKEL	ppm	<0.20 (*)	0.5max	Our own limit
COPPER	ppm	<0.20 (*)	0.5max	Our own limit
ZINC	ppm	<0.10 (*)	0.5max	Our own limit
ARSENIC	ppm	<1 (*)	1 max	J.P.17
CADMIUM	ppm	<1 (*)	1 max	Our own limit

(*) Not carried out for each batch: the compliance with finished product specification is assured by validation process