

ÁCIDO FUMÁRICO 31500 HWS

COMPOSITION Fumaric acid, CAS: 110-17-8.

DESCRIPTION White or nearly white crystals, odourless with a tart taste.

APPLICATION Food Additive

ESPECIFICACION

PARAMETER	ACCEPTANCE CRITERIA	METHOD		
		Intern Method	International standard	
IDENTIFICATION	(same as reference: fumaric acid RS USP)	D-GIN-014-ADINT	FTIR	FCC
APPEARANCE	PASS	D-GIN-001-ADINT	Visual	FCC
MALEIC ACID	0.0 – 0.1 %	D-GIN-008-ADINT	HPLC	FCC
PH	2.0 – 2.5	D-GIN-006-ADINT	Potentiometric method	FCC
SOLUBILITY (g/100ML)	0.5 – 0.8	D-GIN-013-ADINT	Titulometric method	FCC
ASSAY	99.5% - 100.5 %	D-GIN-005-ADINT	Titulometric method	FCC
MOISTURE	0.0 – 0.5 %	D-GIN-011-ADINT	Termogravimetric method	FCC
APHA COLOR	0.0 - 30	D-GIN-002-ADINT	Platinum-cobalt scale	ASTM D1209 - 05(2011)
PARTICLE SIZE (On a A U.S. MESH # 80) - 180 µm	0,0 – 5,0	D-GIN-009-ADINT	Sieves	ASTM E11
PARTICLE SIZE (On a U.S. MESH #230) - 63 µm	80 - 100	D-GIN-009-ADINT	Sieves	ASTM E11
RESIDUE ON IGNITION	0.0 – 0.1 %	D-GIN-010-ADINT	Calcination	FCC
LEAD	0.0 – 2.0 ppm	D-GIN-016-ADINT	Atomic Absortion	FCC
ARSENIC	0.0 – 3.0 ppm	D-GIN-016-ADINT	Atomic Absortion	FCC
HEAVY METALS	0.0 – 10 ppm	D-GIN-016-ADINT	Atomic Absortion	FAO

STORAGE Store in a cool, dry place, protected from weather conditions.

SHELF LIFE 24 months for the day of production under recommended storage conditions.

PACKAGING Kraft paper bag for 25 kg.

PRODUCTION SITE addimentum SAS
Zona Franca Permanente Parque Industrial Lote 101D, Turbaco, Bolivar - Colombia