



EPOCH MASTER GLOBAL BUSINESS(JIANGSU)INC.

RM.3-93,TENGFEE BUILDING,NO.88 JIANGMIAO RD., RESEARCH AND INNOVATION PARK,

NANJING ZONE,(JIANGSU) PILOT FREE TRADE ZONE ,CHINA.

Technical Data Sheet

Fumaric Acid (Food grade)

Product Information

Chemical Name	Trans Butenedioic Acid, Trans- 1,2 EthyleneDicarboxylic Acid
Commodity Name	Fumaric acid
Category	Unsaturated dicarboxylic acids
Molecular formula	C4H4O4
Molecular wt.	116.07
H.S.Code	29171900
CAS No.	110- 17-8

Technical Specification	HWS(Hot water soluble)	CWS (Cold water soluble)	
Appearance	White fine powder	White fine powder	
Assay (on dry basis) by %	99.5~ 100.5	99.0 min	
Arsenic by ppm	1 max	3 ppm	
Lead by ppm	2 max	10 ppm	
Residue on ignition by wt %	0.05max	0.1 max	
Water by wt%	0.5max	0.5 max	
Color (Pt-Co)	15# max	15# max	
Maleic acid by wt %	0.1 max	0.1 max	
Melting Point (by C)	286~ 302	286~ 289	
DSS by %	/	0.3 max	
Solubility in water (25C) g/100g	/	1.0 min	
Particle size (through 300 mesh) %	/	100	
Particle size	On 80mesh by %	15	/
	80~ 120mesh %	75	/
	Through 120mesh	10	/

Standard: FCCV

Packing & Loading Information

Packing	25kg bags
Loading	18mt/20fcl for 25kg on pallets
Shelf life	18 months under proper storage condition

* Proper Storage condition: Keep container tightly closed, store in cool, dry and well ventilated warehouse, avoid direct sunlight and incompatible chemicals like acid.