



YOUNG'S CORPORATION

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FUMARIC ACID

Description

Chemical Formula : C₄H₄O₄

Molecular weight : 116.07

Applications

Unsaturated Polyester, Alkyd resin, Plasticizer, Feed Additives, Preservatives,

Specification

Analysis Item	Unit	Specification		Test Method
		Food Grade	Technical Grade	
Appearance		White Crystalline Powder	White Crystalline Powder	Visual
Purity(Total Acid)	wt%	99.5Min	99.5Min	FCC
Ash	wt%	0.05Max	0.05Max	"
Melting Point	°C	287 ~ 302	287 ~ 302	KSFA
Color(5wt% in Sodium Hydroxide)	APHA	Colorless Transparent	.	"
Sulfate	ppm	96Max	.	"
Heavy Metals(as Pb)	ppm	10Max	.	FCC
Arsenic Acid(as As)	ppm	3Max	.	"
Maleic acid	wt%	0.1Max	.	USP
Water	wt%	0.5Max	.	FCC

■ KSFA: Korean Standards of Food Additives

■ FCC : Food Chemicals Codex, U.S.A ■USP : U.S Pharmacopeia

Packing

Net 25kg 4-ply kraft paper bag including one atactic polypropylene coated moisture proof kraft paper bag innermost.(For Food Grade, white kraft paper is used for the outermost)