

SALES SPECIFICATION

TECHNICAL ACRYLIC ACID

Property	Unit	Value		Test Method
		Min	Max	
Acrylic acid (including dimer)**	%	99.5		GC*
Acrylic acid (without dimer)	%	99.0		GC*
Acrolein	%		0.002	GC*
Acetic acid	%		0.1	GC*
Furfuraldehyde	%		0.035	GC*
Propionic acid	%		0.07	GC*
Benzaldehyde	%		0.015	GC*
Acrylic acid dimer	%		0.5	GC*
Colour	APHA		10	ASTM D 1209
Water	%		0.1	ASTM E 1064
Inhibitor (MEHQ)***	%	0.018	0.022	ASTM D 3125
Refractive index (nD20)	-	1.420	1.423	DIN 51 423/ASTM D 1218
Appearance	-	Clear, colourless Liquid		Visually

*Company test method

** The content of dimer in acrylic acid does not depend on the amount of added inhibitor but it is a function of the storage temperature and time. The content of dimer rises continually depending on the storage temperature. The increase ranges from 0.1 wt% at 15 oC to 0.4 wt% at 25 oC per month.

*** The inhibitor content can be increased above the standard limit as per customer's request