



PRODUCT: ACRYLONITRILE - MQ STABILIZED

ISSUE: 6

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<u>ITEM</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>
1. Appearance	Clear liquid, free of suspended matter	
2. Color (APHA)		5
3. Acetone, ppm by wt.		75
4. Acetonitrile, ppm by wt.		300
5. Acrolein, ppm by wt.		1
6. Hydrogen Cyanide, ppm by wt.		5
7. Inhibitor, MEHQ, ppm by wt.	35	45
8. Oxazole, ppm by wt.		10
9. Peroxides, as H ₂ O ₂		0.2
10. Water, wt. %	0.2	0.5

TYPICAL PROPERTIES

1. Infrared Spectra	Conforms to published data
2. Non Volatile Matter, ppm by wt.	100 Maximum
3. Total Iron, ppm by wt.	0.1 Maximum
4. Acidity as Acetic Acid, ppm by wt.	10 Maximum

APPROVALS

Fortier Chief Chemist

Date

Acrylonitrile Production Manager

Date

Process Chemicals Technical Manager

Date

Acrylonitrile Business Manager

Date