

Triethyle Phosphate (TEP) in railcar

COMPONENT	RESULT	SPEC LIMITS	ANALYSIS	STATUS	QUALITY
Water, %	0.0354	<=0.0500	AVA336M	A	P
Specific Gravity @ 20/20C	1.0712	1.070 - 1.072	ADEN2	A	P
NaOH ml	1.77		AVA391	A	P
Normality of NaOH	0.0499		AVA391	A	P
Sample Weight	60.044		AVA391	A	P
Acid as Phosphoric, %	0.007	<=0.0200	AVA391	A	P
Diethyl Methyl Phosphate, ppm	< 20		AGC267	A	P
Methanol, ppm	< 10		AGC267	A	P
Ethyl Alcohol, ppm	28		AGC267	A	P
n-Propyl Alcohol, ppm	< 10		AGC267	A	P
n-Butyl Alcohol, ppm	< 10		AGC267	A	P
Diethyl Phosphite, ppm	197		AGC267	A	P
Alcohol Content, ppm	36	<=100	AGC267	A	P
Others, ppm	251		AGC267	A	P
Triethyl Phosphate, %	99.91	>=99.85	AGC267	A	P
Appearance	FAIL		AMIS20	A	F
Dilution Test	PASS		ATBA38	A	P
Miscibility with Water	PASS		ATBA38	A	P
Refractive Index @ 25C	1.4038	1.401 - 1.405	ARI3	A	P
Refractive Index @ 25C, IML	1.4038	1.403 - 1.405	ARI3	A	P
Chlorides, ppm	>1	<=1 *	ATBA24	A	F
Sulfates, ppm	<5	<=5	ATBA65	A	P
Visual Color, pcs	20	<=10	AVCC11	A	F
Quality Status	FAIL		ACID_PROD	A	P
Sample Number	13946		SAMP_NUM	A	P
Sampling Point	---		SAMP_NUM	A	P

* Chlorides tested 6-7 ppm when Kingsport tested it some months ago

Out of Spec results are indicated in Red