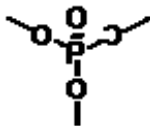




HANGZHOU DINGYAN CHEM CO., LTD  
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## CERTIFICATE OF ANALYSIS

NO: DYC081501041

Product name	Trimethyl Phosphate(TMP)	CAS Number	512-56-1
Molecule Structure		Molecule Formula	C3H9O4P
Batch number	201501021	Quantity	10000KGs
Manuf. Date:	2015-01-02	Exp. Date	2015-01-02
Executive Criterion	Enterprise Standard	Report Date	2015-01-03

Items	Standard	Result
Appearance	Colorless, transparent liquid	Colorless, transparent liquid
Assay(G.C)	>99.0%	99.60%
Moisture	<0.2%	0.085%
Color(APHA)	<10	5
Water-solubility	Non-turbid	Complies
Acid value before heating	<0.2mgKOH/g	0.13 mgKOH/g
Acid value ater heating	<2 mgKOH/g	0.82 mgKOH/g
Transmission before heating	>91%	91.3%
Transmission after heating	>89%	90.6%
Chlorine content	<0.2%	0.16%
Density	1.21-1.216	1.21

Hangzhou Dingyan Chem Co., Ltd.  
Quality Control  
QUALITY CONTROL:  CHECK: 姚仙娟 INSPECTOR: 刘清风