



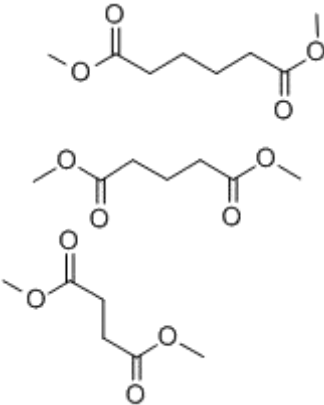
HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: DYC041611041

Product name	Dibasic Esters; DBE
CAS Number	95481-62-2
Molecule Structure	
Molecule Formula	C ₂₁ H ₃₆ O ₁₂
Batch number	20161010
Manuf&Exp. Date	2016-10-10
Testing date	2016-10-10

Items	Standard	Result
Appearance	Clear transparent liquid	Clear transparent liquid
Ester content	99%min	99.7912%
Dimethyl Succinate	15-25%	19.3973%
Dimethyl Glutarate	55-65%	63.7338%
Dimethyl Adipate	10-25%	16.6601%
Moisture	0.1% max	0.0047%
Acid value (mgKOH/g)	0.3% max	0.1%
Density (20°Cg/ml)	1.085-1.093	1.088
Distillation Range, °C	195-230	196-228
Color (APHA)	10 max	10

Hangzhou Dingyan Chem Co., Ltd.
QUALITY CONTROL: Cristina
Quality Control
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风

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