



JIANGSU SANMU GROUP CO., LTD

GUANLIN TOWN, YIXING CITY, JIANGSU PROVINCE, 214258, CHINA

CERTIFICATE OF ANALYSIS

Trippropylene glycol(TPG)

LOT NO.: 201209001

PRODUCE DATE : Sep. 5th, 2012

ISSUED BY MANUFACTURER: JIANGSU SANMU GROUP CO.,LTD

ITEM	STANDARD POINT	RESULT
Appearance	Transparent clear liquid	Transparent clear liquid
Color (APHA)	≤ 15	10
Acid Number (mgKOH/g)	≤ 0.50	0.05
TPG content %	$\geq 98\%$	98.85
TEPG%	$\leq 1\%$	0.18
DPG content %	$\leq 3\%$	0.92
Water content %	$\leq 0.1\%$	0.0793

JIANGSU SANMU GROUP CO.,LTD.

Oct. 9th 2012