



Glory Global CO.,LTD
1004, Seoul-Technopark, 232, Gongneung-ro, Nowon-
Seoul, Korea 01811

CERTIFICATE OF ANALYSIS

DESCRIPTION OF GOODS : Methanol
QUANTITY OF SHIPMENT :

Manufacturing date :			LOT NUMBER :	
COMPONENTS	UNIT	SPECIFICATION	TEST METHOD	
			A204	B506
Appearance		Clear & free	Clear & free	Clear & free
Pt-Co Colour	Pt-Co	Max 5	3	3
Purity (on dry basis)	wt%	Min 99.85	>99.99	>99.99
Ethanol	mg/kg	Max 50	<5	<5
Acetone	mg/kg	Max 30	<5	<5
Water	wt%	Max 0.1	0.100	0.010
Distillation range at 760 mm Hg	℃	Max 1.0 Include 64.6℃	0.4	0.4
IBP	℃		64.4	64.4
DP	℃		64.8	64.8
Specific Gravity at 20/20℃		Max 0.793	0.7927	0.7927
Potassium Permanganate at 15℃	min	Min 60	>60	>60
Carbonizable Substances	Pt-Co	Max 30	5	5
Acidity as acetic acid	mg/kg	Max 30	11	11
Hydrocarbons		Pass	Pass	Pass
Non Volatile matter	mg/1000ml	Max 8	3	3
Chloride as Cl	mg/kg	Max 0.5	<0.25	<0.25
Sulphur	mg/kg	Max 0.5	<0.5	<0.5
Iron	mg/kg	Max 0.5	0.02	0.02

REMARK

< = Less than, > = More than

CERTIFY THE ABOVE STATEMENT OF QUALITY TO BE TRUE AND CORRECT.

Glory Global CO.,LTD

Tel : 82-2-6223-0862 Fax : 82-2-6937-0535

gu,

B705
Clear & free
3
>99.99
11
<5
0.010
0.2
64.5
64.7
0.7927
>60
5
11
Pass
3
<0.25
<0.5
0.02