

CERTIFICATE OF QUALITY

04th September 2017

Vessel Name : M/T "GOLDEN ASPIRANT"
Shipper : Tandlianwala Sugar Mills Limited
Cargo Description : Ethanol in Bulk
LOT NO : 180112
Loading Port : Karachi, Pakistan
Unloading Port : Pyongtaek, Korea
Place & Date : At the West Pyeongtaek Tank Terminal in Pyongtaek, Korea
on August 30, 2017

The samples of which drawn by us, were tested at the laboratory of Ulsan Branch and the result were as follows :-

Test items	Test Method	Test results
		Shore tank
		107
Appearance	Visual	F & C
Purity, Vol%	OIML-ITS90	95.80
Color, Pt-Co	ASTM D1209	1
Acidity	ASTM D1613	0.0007
SG(15/4 °C)	ASTM D4052	0.8125
Acetaldehyde, ppm	G.C.	LT 1
Methyl Alcohol, ppm	G.C.	13
Iso Propyl Alcohol, ppm	G.C.	2
N-Propyl Alcohol, ppm	G.C.	2
I-Amyl alcohol, ppm	G.C.	1
Water, wt%	ASTM E1064	7.09