



# DONGHWA

## Donghwa Surveyors & Adjusters Corporation

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REPORT NO. : DA-1006-012

DATE : JUN. 18, 2010

# ORIGINAL

### QUALITY AND QUANTITY INSPECTION

ISSUED BY INDEPENDENT SURVEYOR

- SHIPPER : PURE CHEM CO.,LTD.  
A-901, SK-TWINTECHTOWER, 345-9, GASAN-DONG, GEUMCHEON-GU, SEOUL, KOREA  
(TEL:82.2.6292.2001)

- COMMODITY : CYCLO-PENTANE 95%

- QUANTITY : 31.700 MT

- PACKING : ISO-TANK CONTAINER(15.00X2)

- MANUFACTURER : LG CHEM., LTD.

- PORT OF LOADING : KWANGYANG PORT / KOREA

- FINAL DESTINATION : LAEM CHABANG PORT / BANGKOK

- VSL/VOY : OCEAN EMERALD 025W

#### QUALITY

The shore tank sample was analyzed at the laboratory of LG CHEM, LTD. in Daesan, Korea in our attendance and results as under:-

TEST ITEMS	UNIT	SPECIFICATION	TEST METHOD	TEST RESULT
Sp. Gr. (60/60°F)	-	0.7400 ~ 0.7500	ASTM D-4052	0.7470
BUTANE	WT.%	0.05 MAX	G.C	TRC
ISO-PENTANE + N-PENTANE	WT.%	3.00 MAX	G.C	0.0003/0.0026
CYCLO PENTANE	WT.%	95.00 MIN.	G.C	96.693
BENZENE	WT.PPM	5.00 MAX	G.C	1.00
n-HEXANE	WT.PPM	20 MAX	G.C	2.00
WATER	WT.PPM	REPORT	ASTM E-203	45.00
BROMINE INDEX	mg/100g	200 MAX	ASTM D-2710	18.00
SULFUR CONTENT	Wt.ppm	1 MAX	ASTM D-5453	LT1
APPEARANCE	-	CLEAR	VISUAL	CLEAR

#### QUANTITY

The above shipment were loaded on ISO Containers via a duly balanced weigh-bridge installed at LG CHEM, LTD. in Daesan, Korea and the results are as follows:-

CONTAINER NO.	SEAL NO.	Gross Wt.	Tare Wt.	Net Wt.
		(M/T)	(M/T)	(M/T)
NCTU 02423954	001307 / 081380 / 081698	19.740	3.870	15.870
FWUU 6250154	126630 / 126839 / 127249	19.290	3.460	15.830
GRAND TOTAL				31.700

This Certificate is issued without prejudice.



DONGHWA - Daesan Branch  
Office Manager, S. Y. Choi