



# DONGHWA

## Donghwa Surveyors & Adjusters Corporation

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REPORT NO. : DA-1006-002

DATE : JUN. 03, 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 : 29.430 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 : KMTC HONGKONG 1008W

#### 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	0.7476
BUTANE	WT.%	0.05 MAX	G.C	TRC
ISO-PENTANE + N-PENTANE	WT.%	3.00 MAX	G.C	0.0003/0.0020
CYCLO PENTANE	WT.%	95.00 MIN.	G.C	97.115
BENZENE	WT.PPM	5.00 MAX	G.C	TRC
n-HEXANE	WT.PPM	20 MAX	G.C	TRC
WATER	WT.PPM	REPORT	ASTM E-203	44.00
ISO-HEXANE	WT.%	3.00 MAX	G.C	2.8718
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)
FWUU 3242181	127297 / 127298 / 127204	18.070	3.440	14.630
NCTU 0247841	127202 / 127296 / 127295	18.200	3.400	14.800
GRAND TOTAL				29.430

This Certificate is issued without prejudice.



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