

CERTIFICATE OF QUALITY

IN PURSUANT to an order received from Messrs. **GBK INTERNATIONAL SDN. BHD.**, requesting us to carry out the instructions summarized as follows: -

On a consignment declared to us as follows: -

NAME OF VESSEL : MV NANBU
 SHIPPER : GBK INTERNATIONAL SDN.BHD
 DESCRIPTION OF GOODS : PALM KERNEL SHELL IN BULK
 PORT OF LOADING : PASIR GUDANG, MALAYSIA
 PORT OF DISCHARGE : TSU, JAPAN
 SHIP'S HOLD NOS. : 1 & 2
 SAMPLE DATE : 20.06.2020

WE REPORT AS FOLLOWS: -

1. One (1) sealed final composited sample was submitted to independent laboratory, Klang for analysis. The results are reproduced as follows: -

TEST PARAMETER	RESULT	TEST METHOD
TOTAL MOISTURE CONTENT (AS RECEIVED BASIS)	20.0% (TWO ZERO DECIMAL ZERO)	ASTM D3302
INHERENT MOISTURE CONTENT (DRY BASIS)	7.89% (SEVEN DECIMAL EIGHT NINE)	ASTM D3173
GROSS CALORIFIC VALUE (AS RECEIVED BASIS)	3992kcal/kg (THREE NINE NINE TWO)	ASTM D5865
GROSS CALORIFIC VALUE (DRY BASIS)	4990kcal/kg (FOUR NINE NINE ZERO)	ASTM D5865
NET CALORIFIC VALUE (AS RECEIVED BASIS)	3630kcal/kg (THREE SIX THREE ZERO)	ASTM D5865
NET CALORIFIC VALUE (DRY BASIS)	4683kcal/kg (FOUR SIX EIGHT THREE)	ASTM D5865
ASH (AIR DRIED BASIS)	3.05% (THREE DECIMAL ZERO FIVE)	ASTM D3174
SULPHUR (DRY BASIS)	0.023% (ZERO DECIMAL ZERO TWO THREE)	ASTM D4239
SODIUM (DRY BASIS)	71 ppm (SEVEN ONE)	AAS
POTASSIUM (DRY BASIS)	896 ppm (EIGHT NINE SIX)	AAS
CHLORINE (DRY BASIS)	282ppm (TWO EIGHT TWO)	ASTM D2361
FOREIGN MATERIALS (AS RECEIVED BASIS)	0.30% (ZERO DECIMAL THREE ZERO)	SORTING

REMARKS: -

1. The samples were drawn during cargoes unloaded from trucks at wharf side wherever accessible.
2. 2 (two) samples distributed to Shipper (GBK International Sdn Bhd) & the remaining 3 (three) samples kept by us for 3 months after which time shall be disposed of.
3. This certificate reflects our finding at time and place mentioned and based on analysis results tested and does not refer to any other matters.

MYZLW535311

26 June 2020

This inspection has been performed on the goods for which it was requested according to our professional standards and to the best of our knowledge on the date and at the place it was performed, within the scope of instructions received. This inspection does not release seller(s) and/or supplier(s) and/or shipper(s) and/or other parties involved from their respective contractual obligations and does not prejudice the buyer(s)/receiver(s)' right to claim, under applicable law and contract, compensation from seller(s)/supplier(s)/shipper(s) regarding any defects not detected during our inspection or occurring thereafter. This inspection is also subject to COTECNA Terms and Conditions of Business 2018." (<http://www.cotecna.com/en/About-Cotecna/Terms-Conditions>). Headings and titles in this certificate/report are for reference only and the findings contained herein prevail as stated. This certificate is only valid if presented in original and printed on security paper or issued on Cotecna's Edox system and received in its digital format. Copies of this certificate are not valid unless accompanying its original.

**COTECNA TRADE SERVICES MALAYSIA SDN BHD
INDEPENDENT SURVEYOR**



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