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REPORT NO.	GC/OP/EL05/0871/2024/A-5	DATE	MAY 18, 2024
NAME OF VESSEL	MT HAKONE GALAXY	LOADING PORT	MAPTAPHUT, THAILAND
COMMODITY	PHENOL		

## CERTIFICATE OF QUALITY

SOURCE	Shore tank No. T-3802, T-3801 & T-3803
TYPE OF SAMPLE	Composite sample taken before loading
DATE OF SAMPLING	May 15, 16 & 17, 2024 (Respectively)
SAMPLE DRAWN AND SUBMITTED BY	Geo-Chem Inspector
SAMPLE TESTED AT	Terminal Laboratory as witnessed by Geo-Chem Chemist Inspector

On witnessing of analysis, the following results were obtained :-

TEST ITEMS	TEST METHOD	TEST RESULTS		
		SHORE TANK NO.		
		T-3802	T-3801	T-3803
Phenol Purity (Dry Basis), wt %	In house Method (Base on ASTM D-6142-08)	99.998	99.997	99.997
Solidification Point, deg.C	ASTM D 1493	41.1	41.1	41.0
Total Carbonyl as Mesityl Oxide, wt.ppm	In house Method Base on UOP 804	17.56	12.72	7.01
Mesityl Oxide, wt.ppm	In house Method (Base on ASTM D-6142-08)	<1.0	<1.0	<1.0
Water, wt.ppm	ASTM D 1631	52	37	106
Color (APHA)	ASTM D 1209	2	2	3
Appearance	Visual	Clear	Clear	Clear

### NOTE :

When analysis witnessed by us, our responsibility is solely to ensure that the analysis conducted to standard test methods. In accordance with industry accepted practice. We are not responsible for all apparatus, instrumentation and measuring devices, calibration of same and working order. Reagents and solutions are accepted as prepared. The above results are reproduced from original documentation issued by the terminal and are presented here without prejudice.



ISSUED BY AN INDEPENDENT SURVEYOR

All business is carried out and reported in accordance with our General Condition of Service unless otherwise agreed in written contract.

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