



**Certificate N°: 2204060984**

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WI-725

## **SAMPLING AND ANALYSIS REPORT**

In pursuance of an order for inspection given to us,

BY OUR PRINCIPAL : FIRST MINING MADENCILIK SANAYI VE TICARET LIMITED  
ON : 17.03.2022  
TO PERFORM : SAMPLING, SAMPLE PREPARATION AND ANALYSIS  
ON A COMMODITY AS DECLARED : IRON ORE CONCENTRATE – REF: KANAROGLU  
QUANTITY : 1156,460 WMT  
SAMPLED AT : ISKENDERUN PORT, TURKEY  
LOADED INTO THE VESSEL : M/V SEA GLORY



Muayene  
TS EN ISO/IEC 17020  
AB-0025-M

We hereby report as follows:

In compliance with the instructions we received, our inspector attended at Port of Iskenderun, Turkey from 26.03.2022 to 28.03.2022 for the sampling operation during dumping of trucks to port area and to be load of the above mentioned commodity to the vessel. Sampling was performed by utilizing a suitable sampling scoop in order to form the gross sample. Gross sample was dried and pulverized for the preparation of final composite assay sample and to be used in the mixture of the final vessel composite sample.

**ANALYSIS:** Quality assay was performed on the final sample (sealed with SGS seal) by SGS laboratory in Ankara (Report No. TR2200717 dated 05.04.2022). The laboratory used its own equipment and reagents. According to the laboratory's report, analysis carried out in accordance with the standard methods, the results are as follows:-

Test	Result (PCT)
FE	64,490

### **PHYSICAL COMPOSITION:**

Particle size distribution of the cargo was determined and following average results were calculated:-

Test	Result (%)	
SIZE DETERMINATION	-0.2 MM +0.2 MM	96.67 3.33

### **MOISTURE DETERMINATION:**

Moisture samples were mixed thoroughly and split into approximately two equal parts by weight and dried in duplicate at 105 deg. C, until a constant weight was obtained. Arithmetical average of duplicate moisture results was calculated as follows:-

H<sub>2</sub>O: 8.11%



The manual sampling method was agreed with the SGS Principal, as sampling by more reliable methods that provide probability samples was not possible. The Holder of this document is cautioned that collected MANUAL samples of this type do not satisfy the minimum requirements for probability sampling, and as such cannot be used to draw statistical inferences such as precision, standard error, or bias. Due to not being able to access the entire volume of the cargo, the samples collected have indicative value only and will not necessarily be representative of the entire cargo, but only that part accessible and sampled. SGS has no responsibility and / or liability

### **SGS Supervise Gözetme Etüd Kontrol Serv. A.S.**

Baglar Mah. Osmanpasa Cad. No. 95 Is Istanbul Plaza

A Girisi Gunesli 34209 Istanbul, Turkiye

F150201

Tel : +90 212 368 4000

Fax: +90 212 296 4782 - 83

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Authorized person : Gulay TASKIRAN (Mining Engineer)

Issued in Istanbul  
On 06<sup>th</sup> April, 2022

For and on behalf of  
SGS Supervise Gözetme Etüd  
Kontrol Servisleri A.Ş



**SGS Supervise Gözetme Etüd Kontrol Serv. A.S.**  
Baglar Mah. Osmanpasa Cad. No. 95 İş İstanbul Plaza  
A Giriş Gunesli 34209 İstanbul, Türkiye  
F150201  
Tel : +90 212 368 4000  
Fax: +90 212 296 4782 - 83

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