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 Our Ref. NO. : 2000492
 Date : 05th November 2022
 Certificate No.: F190291/ Ore000xxx

PRE-SHIPMENT REPORT

According to instructions received from Messer's. " **MOUNTRAC MATERIALS LLC** " to perform sampling at producer's warehouse and analysis at SGS Egypt and independent labs of a shipment designated as:

Cargo description : Gypsum in bulk loaded into 20 containers
Quantity : 476.84 Tons
Inspection location : Sokhna zone – producer warehouse

WE NOW REPORT:

SAMPLING:

On 05th November 2022 from 10:00 hrs. to 20:00 hrs., sampling was carried out by SGS chemist from fresh cut surface during loading into containers from accessible parts of the cargo, according to ISO 11648 Standard, samples were divided, sealed and distributed as follows:

- **One** sealed, labeled sample with seal No. **Q 2405244** retained by SGS Egypt.
- **One** sealed, labeled sample with seal No. **Q 2405220** for analysis purposes at independent lab.
- **One** sealed, labeled sample with seal No. **Q 2405245** for analysis purposes at SGS lab.

SIZE DETERMINATION BY VISUAL INSPECTION:

Our inspector observed the cargo size distribution at the site of inspection from accessible parts of the cargo and visually estimated the size distribution to be approximately as follows:

Size	Result
+ 20 cm	20 %
10 – 20 cm	70 %
- 10 cm	10 %

ANALYSIS:

The results of analysis of above-mentioned samples received from SGS mineral laboratory and independent lab are as follows:

Tests	Result %	Analysis Method
CaSO ₄ 2H ₂ O	97.78	Calculation
L.O.I	21.11	ASTM C25-2006
SO ₃	45.65	Gravimetric Method
CaO	31.97	AAS
MgO	0.32	AAS
Al ₂ O ₃	0.56	AAS
Fe ₂ O ₃	0.55	AAS
Na ₂ O	0.11	AAS
K ₂ O	0.08	AAS
S	18.26	Calculation
SiO ₂	0.36	Gravimetric Method
*Whiteness analysis at independent lab		
Whiteness	94.34	

*These findings are reported herein for convenience only and SGS has no liability for the subcontracted results, which remain with independent Lab. The Company's involvement has been limited to implementing the Client's instructions, which required the Company to submit the sample(s) for analysis to a third-party laboratory. The Company is not responsible for those analytical results, the responsibility of which remains with the laboratory that produced those results.

----- End of Report -----

