SGS Secured document

INFORMATIVE SAMPLING AND ANALYSIS

PRINCIPAL	:	NAH STONES KARACHI - PAKISTAN
GOODS DESCRIPTION PROVIDED BY PRINCIPAL	:	FLUORSPAR IN BULK
DECLARED QUANTITY	:	149.600 MT
INSPECTION PLACE	:	MOACH GOTH - KARACHI
INSPECTION PERFORMED ON	:	30-JULY-2024

This is to report that in accordance with instructions received from our Principal, we attended the above mentioned cargo and we hereby report the following:

CARGO CONDITION BULK

The cargo condition inspection was performed at Moach Goth - Karachi, on the cargo Fluorspar in Bulk.

SAMPLING

Manual sampling conducted randomly from tendered cargo (as per SGS global SOP CSSI 8).

At regular intervals dynamics samples were taken according to the agreed sampling plan.

SAMPLE PREPARATION

The sample preparation was performed as per standard protocol. Following is the distribution of prepared composite samples.

SAMPLE DISTRIBUTION:

01 OF 05 Composite of Quality sample were taken for Analysis and delivered to Lab.
02 OF 05 Composite of Quality sample were taken for Principal and retained by SGS.
03 OF 05 Composite of Quality sample were taken for Reserve and retained by SGS.
04 OF 05 Composite of Quality sample were taken for Principal and retained by SGS.
05 OF 05 Composite of Quality sample were taken for Reserve and retained by SGS.

Note: Sample retained for one month only from sampling date unless otherwise instructed.

SIZE DISTRIBUTION

In accordance with instructions received from our principal, the size distribution is performed by SGS.

Size		Results
- mm	+ mm	%
70.00	10.00	94.01
10.00	00.00	05.99
Total		**100.00**

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ANALYSIS

Test Item / Parameter	Test Method / Protocol	Unit	Test result
Calcium Fluoride (CaF_2)	Based on ASTM E- 815-17	%	97.09 (Nine seven decimal zero nine)
Soluble Calcium Carbonate ($CaCO_3$)		%	00.83 (Decimal eight three)
Silica as (SiO_2)	Based on ASTM E-1506-08	%	01.61 (One decimal six one)
Sulphur (S)	Fusion Method Final finished on ICP-OES	%	<0.05 (Less than decimal zero five)
Phosphorus (P)	Multi Acid Digestion final finish ICP-OES	%	0.004 (Decimal zero zero four)
Moisture	Gravimetric	%	00.04 (Decimal zero four)

As per the instruction from the principal, SGS conducted the inspection for nominated cargo without performing loading supervision. Therefore, the contents of this report only reflect our findings at the time, date and place of inspection, and does not refer to any cargo that was dispatched/shipped from or will be received at any destination/port.

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.

Any holder of this document is advised that information contained hereon is limited to the visual examination of the safely and readily accessible portions of the consignment only. Due to the nature of the cargo and limited access during inspection, items not recorded in the above description may be present.

The findings of the stored Goods inspection contained herein (the "Findings") strictly relate to and cover examination of part or parts of the Goods safely accessible for inspection in accordance with the client's instructions. The Findings only relate to the time and place of inspection and do not constitute nor are intended to constitute evidence of the existence of part or all of the Goods prior to and after the time of inspection. SGS does not control the storage place of the Goods nor has any responsibility for the storage, custody and safety of the Goods. SGS does not guarantee nor make any representation about i) the accuracy and authenticity of the documents presented by the operator of the storage place (if any); ii) ownership of and title to the Goods; iii) quantity and quality of the Goods. SGS accepts no liability for the consequences of any action taken or not taken on the basis of this report.

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Signed and dated in
KARACHI - Pakistan
7th August 2024

SGS Pakistan (Private) Limited

