

SGS Pakistan (Private) Limited

H-3/3, Sector 5, Korangi Industrial Area,
Karachi-74900, Pakistan
UAN: +92 21 111 222 747
Tel: +92 21 3512 1388 - 95
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Email: mineral.pakistan@sgs.com



Affiliate Code : F590201

Certificate N° : 21103000F8

Page N°: 1/ 7

SGS.: BO2022120
November 02, 2021

REPORT OF FINDINGS

PRINCIPAL : EFERT AGRITRADE (PRIVATE) LIMITED
SHIPPER : THE ARAB POTASH CO. PLC. P.O BOX: 1470, AMMAN 11118 JORDAN [TEL: +96265200520](tel:+96265200520)
COMMODITY SAID TO BE : POTASSIUM CHLORDE – GRANULAR GRADE
QUANTITY SAID TO BE : 40 CONTAINERS
986,860.000 KGS TOTAL GROSS WEIGHT
983,270.000 MT TOTAL NET WEIGHT
BILL OF LADING NUMBER : 212961939
BILL OF LADING DATE : 2021-09-15
INSPECTION PLACE : BURHAN GODOWN, PORT QASIM, KARACHI - PAKISTAN
INSPECTION PERFORMED ON : 15th OCT TO 17th OCT, 2021

In accordance with the instructions received, we attended client's advised warehouse for the purpose to:

- Witness the weighing operation of tendered 40x20ft containers at client's designated weighbridge.
- Witnessing of de-stuffing of cargo from containers at client's designated warehouse.
- Conduct random sampling during unloading of cargo from each container.
- Prepare composite sample to perform chemical analysis on client's advised parameters.

WITNESSING OF WEIGHBRIDGE WEIGHING: : The weighing of the cargo was witnessed at Public weighbridge (Union Weighbridge) located in Karachi.

Following are the calibration details observed at designated weighbridge:

Weighing scale ID/Name	: Union Weighbridge
Scale minimum capacity (kg)	: 10.000
Scale maximum capacity (kg)	: 120,000.000
Calibration expiry date	: 19-Feb-2022
Calibration date	: 22-Feb-2021

Following is the summary of weighment:

A. Total Gross Weight of Cargo as per client Provided B/L	: 986,860.000KGS
B. Total Gross Weight of Cargo ascertained at Weighbridge	: 983,270.000KGS
C. Difference in Gross Weight (B-A)	: 3590.000KGS
D. Calculated weight of packaging material (Wooden Sheet 14.268 Kg Avg. / Container + Wooden rods 21.528 Kg Avg. / Container) x 40 Container	: 861.120.000 KGS
E. Calculated Net Weight of cargo (B-D)	: 982.408.000 KGS



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The details of container wise weight are tabulated below:

S #	Container #	Gross weight (kg) (As Per B/L)	Weight of Loaded Container with Truck (Kg)	Weight of Empty Container with Truck (Kg)	Gross Weight of Cargo (Kg)	Difference in Gross Weight (Kg)	Observed Seal #
1	TGHU-158214-0	25,120.00	35,250.00	10,410.00	24,840.00	280	ML-JO1275071
2	SUDU-768386-5	24,660.00	35,930.00	11,280.00	24,650.00	10	ML-JO1275250
3	SUDU-766973-8	25,420.00	35,200.00	9,880.00	25,320.00	100	ML-JO1275075
4	TLLU-231623-1	24,520.00	36,750.00	12,390.00	24,360.00	160	ML-JO1275249
5	MRKU-772368-5	24,720.00	37,050.00	12,480.00	24,570.00	150	ML-JO1275073
6	MRKU 885237-3	25,160.00	37,130.00	11,930.00	25,200.00	-40	ML-JO1275193
7	GESU-370099-6	23,300.00	32,850.00	9,600.00	23,250.00	50	ML-JO1284734
8	HASU-127313-5	25,140.00	35,110.00	10,060.00	25,050.00	90	ML-JO1275074
9	MRKU-788537-2	24,960.00	35,160.00	10,210.00	24,950.00	10	ML-JO1275245
10	MRKU-855894-4	25,620.00	36,550.00	11,090.00	25,460.00	160	ML-JO1275078
11	TGHU-039330-6	25,780.00	37,340.00	11,690.00	25,650.00	130	ML-JO1284674
12	HASU-108740-2	25,140.00	35,470.00	10,440.00	25,030.00	110	ML-JO1275197
13	MRKU-759529-1	25,660.00	37,130.00	11,430.00	25,700.00	-40	ML-JO1275194
14	MRKU-970970-5	25,220.00	35,920.00	10,850.00	25,070.00	150	ML-JO1275072
15	MRKU-795666-6	25,460.00	35,950.00	10,600.00	25,350.00	110	ML-JO1275244
16	HASU-147913-1	24,060.00	40,530.00	16,530.00	24,000.00	60	ML-JO1275196
17	MRKU-845290-5	25,260.00	36,760.00	11,440.00	25,320.00	-60	ML-JO1277394
18	MRKU-915391-4	24,600.00	34,170.00	9,910.00	24,260.00	340	ML-JO1275076
19	SUDU-799632-4	24,220.00	34,430.00	10,330.00	24,100.00	120	ML-JO1275079
20	MRKU-656810-0	24,700.00	37,840.00	13,200.00	24,640.00	60	ML-JO1284732
21	MRKU-968206-0	24,740.00	35,210.00	10,600.00	24,610.00	130	ML-JO1284673
22	TLLU-833113-0	24,800.00	35,420.00	10,700.00	24,720.00	80	ML-JO1275195
23	SUDU-141005-6	24,580.00	34,420.00	9,930.00	24,490.00	90	ML-JO1284671
24	MSKU-511787-0	24,340.00	35,360.00	11,160.00	24,200.00	140	ML-JO1275246
25	MSKU-516667-0	25,360.00	35,370.00	10,180.00	25,190.00	170	ML-JO1277392
26	MSKU-322661-4	23,020.00	34,180.00	11,210.00	22,970.00	50.000	ML-JO1275192
27	MSKU-409026-6	23,000.00	33,950.00	10,970.00	22,980.00	20.000	ML-JO1284678
28	SUDU-137502-1	24,000.00	34,210.00	10,190.00	24,020.00	-20.000	ML-JO1277396
29	MRKU-908439-3	25,260.00	35,060.00	9,920.00	25,140.00	120.000	ML-JO1275200
30	SUDU-139248-2	23,720.00	36,270.00	12,450.00	23,820.00	-100.000	ML-JO1284675

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31	MSKU-325524-8	25,480.00	35,220.000	9,890.000	25,330.000	150.000	ML-JO1275199
32	MRKU-968872-6	25,100.00	35,890.000	10,930.000	24,960.000	140.000	ML-JO1275248
33	SUDU-763058-8	25,500.00	37,430.000	12,080.000	25,350.000	150.000	ML-JO1275077
34	SUDU-760793-1	24,060.00	34,690.000	10,790.000	23,900.000	160.000	ML-JO1275080
35	PONU-019109-4	23,160.00	34,960.000	11,890.000	23,070.000	90.000	ML-JO1284676
36	MSKU-797191-3	24,520.00	35,970.000	11,480.000	24,490.000	30.000	ML-JO1284672
37	MSKU-782145-1	25,320.00	34,860.000	9,610.000	25,250.000	70.000	ML-JO1275198
38	TCLU-226217-9	24,060.00	37,510.000	13,500.000	24,010.000	50.000	ML-JO1275191
39	SUDU-143398-2	24,500.00	35,650.000	11,200.000	24,450.000	50.000	ML-JO1275247
40	SUDU-195502-0	23,620.00	34,100.000	10,550.000	23,550.000	70.000	ML-JO1277391
Total		986,860.000	1,428,250.000	444,980.000	983,270.000	3,590.000	---

DE-STUFFING OF CARGO : SGS representative duly witnessed the de-stuffing operation of GMOP – Granular Muriate of Potash bulk/loose form 40x20ft containers at client designated warehouse near Bin Qasim, Karachi.

GENERAL CONDITION : Apparently, the discharged cargo was in loose/bulk form and found to be free flowing without any visual foreign matter.

SAMPLING EXERCISE : Random sampling was conducted based on ISO 8633 / 8634. Requisite number of sample increments collected randomly during the unloading operation of cargo from containers. Upon completion of unloading operation, all the collected sample increments of 38x20ft containers were mixed and reduced to prepare composite sample in 05 representative sets duly preserved in PP bag labeled, sealed, and brought to SGS office.

SAMPLE DISTRIBUTION : Final Samples distribution as below:

- One sealed and labeled sample was submitted to SGS lab for analysis.
- Two sealed and labeled samples were prepared for the client.
- Two sealed and labeled samples were retained with SGS for a period of three months from sampling date, unless otherwise instructed.



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TEST RESULTS : Analysis results obtained from Lab on our drawn composite sample are reproduced as under:

Sr. #	Parameters	Method	Unit	Test Result
01	Potassium Chloride (KCL)	Based on AOAC, 965.09	%	98.73
02	Potassium Oxide (K ₂ O)	Based on AOAC, 965.09	%	61.19
03	Sodium Chloride (NaCl)	Based on AOAC, 983.04	%	00.38
04	Moisture	Based on AOAC, 950.01	%	00.10
05	Water Solubility	Gravimetric	%	99.92
06	pH	Instrumental/ Based on AOAC, 994.16	%	07.44
07	Color	Organoleptic	-	White

SIEVE SIZE ASSESSMENT

01	+ 04.00 mm	Gravimetric	%	05.40
02	+ 02.00 mm		%	93.59
03	+ 01.00 mm		%	01.01
04	- 01.00 mm		%	00.00

PHOTOGRAPHY : Photographs taken during our intervention are given as under:



Tendered Container



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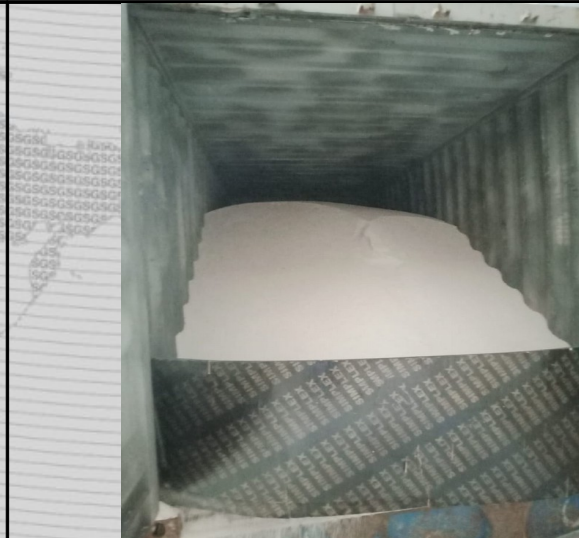


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Loaded Container



Unloading of Cargo from Container



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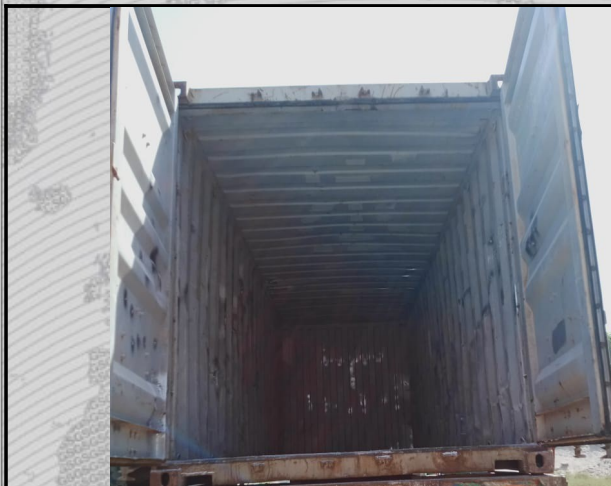
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Empty Container



Weighment of Wooden Sheet



Weighment of Wooden Sheet

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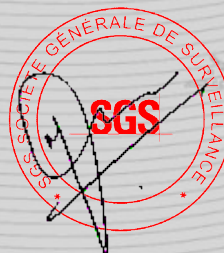
Potassium Chloride-Granular

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