

Season : 2021-2022

Report No. : 2

For the period from 01-12-2021 till 31-12-2021

December-2021

Name & Address of Factory : GOBIND SUGAR MILLS LTD P.O. AIRA ESTATE

Registration of Factory :- 10T

Clarification Process :- Double Sulphitation & Refinery

Sl.No.	PARTICULARS	For Period/ Month	Since beginning of Season
1	CANE CRUSHING	12/2021	
	Date & Time Commencement of Season	15-11-2021 1400	
	Duration of Run Days	31	47
	Total No. of hours in Duration of Run	744	1122
	Number of hours actual crushing	718.4	1086.05
	Total cane milled Qtls	2996000.00	4433900.00
2	JUICE & ADDED WATER		
	Average gross mixed juice % cane	110.89	110.21
	Correction Percent mixed juice	0.35	0.35
	Average nett mixed juice % cane	110.50	109.83
	Total gross mixed juice obtained Qtls	3322190.00	4886680.00
	Total dirt correction Qtls	11627.64	17103.36
	Total net mixed juice obtained Qtls	3310562.36	4869576.64
	Average added water percent cane	38.59	38.11
3	SUGARS :		
	Total Sugar Bagged Qtls	289755.00	392875.00
	Quantity of Sugar Bagged Qtls	289755.00	392875.00
	Quantity of Sugar in Process (a) Qtls	-453	16842
	Total Sugar Produced Qtls	289302	409717
	Sugar recovered from previous season's process	0.00	0.00
	Sugar from previous season remelted sugar or other sources Qtls	3301.00	3834.00
	Total nett sugar made Qtls	286001	405883
4	MOLASSES :		
	Total Molasses Sent Out Qtls	189190.00	268765.00
	Quantity of Molasses in process(a) Qtls	-14	13188
	Total Molasses Produced Qtls	189176	281953
	Molasses Recovered from previous Season's	0.00	0.00
	Molasses from previous season remelted sugar or other sources Qtls	354.00	503.00
	Total Net Molasses Made Qtls	188822	281450
5	RECOVERY		
	Average recovery of sugar % cane %	9.55	9.15
	Average production of final molasses % cane %	6.30	6.35
6	Bagasse % Cane (d)	27.70	27.90
	Filter cake percent cane %	3.71	3.72
7	ANALYSIS (c)		
	Cane Sugar percent	12.61	12.28
	Fibre percent	13.32	13.36
	Primary juice Sugar percent	15.36	15.04
	Brix percent	18.66	18.42
	Purity	82.32	81.65

S.NO.	PARTICULARS	For Period Month 12/2021	Since beginning of Season
	2	3	4
	ANALYSIS:		
	Mixed Juice	Sugar Percent 10.99 Brix Percent 13.64 Purity 80.57	10.75 13.44 79.99
	Last Mill Juice	Sugar Percent 1.21 Brix Percent 1.72 Purity 70.35	1.21 1.73 69.94
	Clarified Juice / SRT	Sugar Percent 10.61 Brix Percent 13.20 Purity 80.41	10.41 13.03 79.94
	Filter Juice	Sugar Percent 9.66 Brix Percent 12.65 Purity 76.34	9.37 12.33 75.98
	Unsulphured Syrup / Untreated	Sugar Percent 53.06 Brix Percent 66.60 Purity 79.67	52.74 66.57 79.22
	Sulphured Syrup / Treated	Sugar Percent 53.75 Brix Percent 67.77 Purity 79.31	53.34 67.59 78.92
	Masseccuite 'R1'	Brix Percent 93.67 Purity 98.51	93.67 98.51
	Masseccuite 'A' / Raw M/c	Brix Percent 93.97 Purity 88.57	93.90 88.53
	Masseccuite 'B'	Brix Percent 95.83 Purity 72.54	95.75 72.98
	Masseccuite 'C'	Brix Percent 99.08 Purity 49.06	99.07 50.66
	Masseccuite 'C1'	Brix Percent 0.00 Purity 0.00	0.00 0.00
	MOLASSES:		
	A' Heavy	Brix Percent 79.43 Purity 73.27	79.13 73.82
	A' Light	Brix Percent 68.65 Purity 89.90	67.98 90.04
	B' Heavy	Brix Percent 85.38 Purity 52.76	85.19 52.99
	R1' / R2' Light	Brix Percent 0.00 Purity 0.00	0.00 0.00
	R1' / R2' Heavy	Brix Percent 74.04 Purity 94.24	73.82 94.17
	C' Light	Brix Percent 79.67 Purity 62.15	79.27 62.89
	Raw Melt	Brix Percent 62.28 Purity 98.53	62.28 98.53
	If White Sugar Bagged	Sugar Percent 99.90 Moisture % 0.04	99.90 0.04
	If Raw Sugar (bagged)	Pol Percent Moisture % Red Sugar % Ash Percent	
	Final Molasses / BH Molasses	Sugar Percent 39.09 Brix Percent 83.74 Purity 46.68	39.43 83.93 46.98

SI.No.	PARTICULARS	For Period/Month	Since beginning
		12/2021	
1	2	3	4
	Bagasse	Sugar Percent 1.71 49.48 48.08 1.89	1.72 49.65 47.89 2.01
	Filter Cake	Sugar Percent	
	Lime kiln gas	CO2 percent	
	Boiler Feed Water	Temperature degree 'C'	
	Temperature of Clear Juice °C		

8/9	LAST YEARS REMELTED					
	Scraping Sugar	Pol	0.00	Quantity	0	0
		Brix	0.00	Sugar (Qtls)	0	0
		Purity	0.00	Molasses (Qtls)	0	0
	Damaged Sugar	Pol	93.08	Quantity	3,110	3,110
	2018-19	Brix	97.62	Sugar (Qtls)	2,817	2,817
		Purity	95.36	Molasses (Qtls)	214	214
	BISS/Damp Sugar,	Pol	0.00	Quantity	0	0
		Brix	0.00	Sugar (Qtls)	0	0
		Purity	0.00	Molasses (Qtls)	0	0
	Brown Sugar	Pol	86.90	Quantity	662	1,362
	2020-21	Brix	100.60	Sugar (Qtls)	484	1,017
		Purity	86.38	Molasses (Qtls)	140	289

10	STOCK IN PROCESS AS ON(DS)						
SI No.	Particulars	Hectoliters	Brix	Purity	Qtls	Available	
						Sugar Qtls	Molasses Qtls
1	Clear Juice	9280	13.11	81.01	9771	753	621
2	Sulphured Syrup	938	63.5	79.24	1228	429	413
3	A Massecuites	2973	94.1	90.07	4494	3319	1071
	B Massecuites	1770	95.76	73.29	2697	1087	1760
	C Massecuites	0	0	0	0	0	0
	C1 Massecuites	0	0	0	0	0	0
4	A Light Molasses	498	70.87	90.63	675	381	114
	C Light	0	0	0	0	0	0
5	A Heavy Molasses	147	79.32	74.23	207	73	108
	B Heavy Molasses	0	0	0	0	0	0
6	Seed	902	92	97.83	1350	1183	69
7	Sugar unbagged					346	
	Total					7571	4156

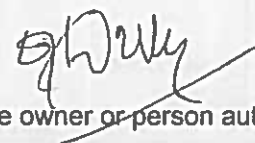
	STOCK IN PROCESS AS ON(REF)						
1	Clear Juice	5074	13.21	80.77	5345	497	246
2	Treated Syrup	260	69.9	79.93	351	169	89
3	Raw Massecuites	1365	93.67	86.9	2060	1539	459
4	R1 & R2 Massecuites	846	94.17	98.41	1279	1175	35
5	B Massecuites	3510	95.97	70.86	5354	2828	2718
6	C Massecuites	3705	98.97	48.1	5732	1130	5345
7	R1 & R2 Heavy	0	0	0	0	0	0
8	R1 & R2 Light	0	0	0	0	0	0
9	A Heavy	13	80.93	71.3	18	8	8
10	A Light	65	69.33	88.32	87	50	13
11	B Heavy	57	86.97	48.06	83	14	68
12	C Light	13	79.8	59.77	18	6	11
13	Melt	1165	61.73	98.33	1513	910	28
14	Seed	428	92	98.91	641	579	12
15	Sugar unbagged					366	
	Total Ref. Qtls.					9271	9032
	Grand Total (DS+REF) Qtls					16842	13188

11	SUGAR BALANCE % CANE		
Sl.No.	P A R T I C U L A R S	For the Period/Month	Since beginning of Season
		12/2021	
i	Sugar in Cane	12.61	12.28
ii	Sugar in mixed juice	12.14	11.80
iii	Sugar in bagasse	0.47	0.48
iv	Sugar in filter cake	0.07	0.07
v	Sugar in molasses	2.46	2.50
vi	Sugar in sugar	9.55	9.15
vii	Sugar in undetermined	0.06	0.08
viii	Total losses (in bagasse, filter cake, molasses & undetermined	3.06	3.13

I hereby declare that the figures given in this return are complete and true to the best of my knowledge and belief.

Date : 03.01.22

Signature of the owner or person authorised



Notes:

1. To be filled up in the report only.
2. The methods followed for making these determinations should be communicated within 3 days after the commencement of the season and any subsequent charges intimated immediately.
 - (a) Should relate to the end of the period/month and should be the same as given under item 10 (Stock in Process)
 - (b) In case of 3 masseuite system, brix and purities of C Heavy and D Light molasses are not to be given.
 - (c) Sugar means "Direct Pol"
 - (d) Bagasse percent cane = $100 + \text{added water percent cane} - \text{mixed juice (gross) percent cane}$.

The return in this form must be prepared for each period/month throughout the working season of the factory and must be submitted within a week of the close of the period/month to the following authorities.

COPY TO

- 1) Central Excise Authorities concerned
- 2) National Sugar Institute, Kanpur
- 3) Directorate of Sugar & Vanaspati