



FORMULIR PROSEDUR

No. Dok : FP.13.05_2-2

CERTIFICATE of ANALYSIS

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Revisi :

- | | |
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| 1 Products Name : Refined Sugar R - 1H | 6 Marking : Green Leaves |
| 2 Material : C ₁₂ H ₂₂ O ₁₁ | 7 Production Time : 250214 00:00 To 250214 23:59 |
| 3 Apperance : Crystalline White Sugar | 8 Batch Number : 250214 |
| 4 Taste : Sweet & Free From Foreign Taste | 9 Expired Date : February 14, 2027 |
| 5 Odour : Free from Foreign Odour | 10 Delivery Date : |

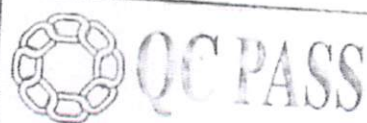
PARAMETER		STANDARD	RESULT	METHOD
1	Pol (Z : 20 C)	Min 99.80	99.94	ICUMSA GS2/3 - 1 (1994)
2	Colour (Icumsa Unit / IU)	Max 45.00	35.4	ICUMSA GS2/3 - 10 (2007)
3	Moisture Content (%)	Max 0.05	0.03	ICUMSA GS2/1/3 - 15 (2007) modified with halogen moisture analyzer
4	Reducing Sugar (%)	Max 0.04	0.027	ICUMSA GS2/3/9 - 5 (2007)
5	Ash Conductivity (%)	Max 0.03	0.014	ICUMSA GS2/3 - 17 (2002)
6	Sediment (ppm)	Max 7.0	2.3	ICUMSA GS2/3/9 - 19 (2007)
7	SO ₂ Content (ppm)	Max 2.00	0.07	ICUMSA GS2/1/7 - 33 (2005)
8	Mean Apperture [MA] Particle Size (mm)	0.40 - 0.60	0.6	ICUMSA GS2/9 - 37 (2007)
	Particle Size Distribution (not pass through screen test)		Retained (%)	Mesh Size Sieve Opening (mm)
			13.92	Mesh no. 20 0.850 mm
			14.65	Mesh no. 25 0.710 mm
			12.5	Mesh no. 30 0.600 mm
			16.53	Mesh no. 35 0.500 mm
			12.57	Mesh no. 40 0.425 mm
			17.9	Mesh no. 50 0.300 mm
			4.78	Mesh no. 60 0.250 mm
			7.15	BASE PAN BASE PAN
9	Total Mesophilic Bacterial Count (cfu/10g)	Max 200	Below 10	SNI 3140.2:2011
10	Yeast (cfu/10g)	Max 10	Below 10	SNI 3140.2:2011
11	Mould (cfu/10g)	Max 10	Below 10	SNI 3140.2:2011
12	Coliform (APM/g)	Max 3	Below 3	SNI 3140.2:2011
13	Arsenic, As (mg/kg)	Max 1.0	< 0.003	SNI 01-4866-1998
14	Lead, Pb (mg/kg)	Max 0.25	< 0.03	AOAC 997 15/9.2.20.4.2005
15	Cadmium, Cd (mg/kg)	Max 0.2	< 0.008	AOAC 997 15/9.2.20.4.2005
16	Tin, Sn (mg/kg)	Max 40	< 0.8	SNI 01-2986-1998, butir 5
17	Mercury, Hg (mg/kg)	Max 0.03	< 0.005	SNI 3140.2:2011

Note : * Analysis result obtained as referred to weekly analysis
 ** Analysis result obtained as referred to quarterly CoA from external accredited laboratory
 Reference CoA Number 6197/BBSPJIA/MS.08-LHU.1/XII/2024

ORIGINAL

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