



Companhia MÜLLER de Bebidas



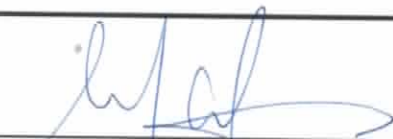
Certificate of Analysis

Product: Cachaça 51

Determination	Results	Max. Lim.	Mín. Lim.	Unity
Organoleptic Test	Characteristic			Qualitative
Alcoholic Graduation 20°C	40,20	40,40	40,00	% vol./vol. a 20°C
Sucrose	16,91	17,10	16,50	g/L
Total Sugars	16,91	17,10	16,50	g/L
Volatile Acidity	19,40	60,00		mg/100 mL AA
Fixed Acidity	1,08			mg/100 mL sample
Total Acidity	8,88	30,00		mg/100 mL sample
Aldehyde	6,50	23,00		mg/100 mL AA
Esters	11,30	50,00		mg/100 mL AA
Total Higher Alcohols	245,30	320,00		mg/100 mL AA
Furfural	0,00	3,00		mg/100 mL AA
Sum of the Secondary Comp.	282,50	410,00	200,00	mg/100 mL AA
Methanol	4,90	20,00		mg/100 mL AA
Acroleín	0,00	3,00		mg/100 mL AA
Sec-Butyl	0,00	10,00		mg/100 mL AA
N-Butanol	0,79	3,00		mg/100 mL AA
Copper	0,75	4,00		mg/L
pH	4,27	5,20	3,70	
Turbidity	0,20	0,50		NTU
Conductivity	11,71	35,00		µsiemens/cm

Conclusion:

The product meets the rules of Identity and Quality of the Ministry of Agriculture, Livestock and Food Suply. From Brazil


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Quality Manager