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REPORT OF ANALYSIS

Subject : Modified Cassava Flour (Mocaf)

Parameters	Unit	Test Results	Standard	Method
Appearance:				
Odor	-	Normal	Normal	Organoleptic
Taste	-	Normal	Normal	Organoleptic
Color	-	White	Normal	Organoleptic
Foreign Matter:				
Insect	-	Negative	Negative	Organoleptic
Passing through mesh 100	%	92,12	Min 90	Mesh
Passing through mesh 80	%	99,28	100	Mesh
Moisture content	%	11,11	Maks 13	Gravimetry
Ash content	%	0,22	Maks 1,5	Furnace
Raw fibre	%	1,92	Maks 2,0	Hydrolysis
Brightness compared to MgO	%	89,71	Min 87	Brightness
Sulfur dioxide	mg/kg	Not detected	Not detected	GC
Acidity	ml N NaOH/100g	2,63	Maks 4,0	Titration
HCN	mg/kg	9,55	Maks 10	Titration
Heavy Metals:				
Lead	mg/kg	Negative	Maks 0.3	Test kit
Mercury	mg/kg	Negative	Maks 0,05	Test kit
Arsenic	mg/kg	Negative	Maks 0,5	Test kit
Microbiology:				
Total plate count	Colony/g	3,5x10 ⁶	Maks 1x10 ⁸	PCA
<i>Escherichia Coli</i>	MPN/g	3	Maks 10	MPN
Mold	Colony/g	6,7x10 ³	Maks 1x10 ⁴	PDA
<i>Bacillus Cereus</i>	Colony/g	4x10 ¹	<1x10 ⁴	MYP agar
Addictive:				
Kaporit	-	Negative	Negative	Test kit
Boraks	-	Negative	Negative	Test kit
Methanil yellow	-	Negative	Negative	Test kit
Rodhamin B	-	Negative	Negative	Test kit
Formalin	-	Negative	Negative	Test kit
Peroksida	-	Negative	Negative	Test kit