



RAW SUGAR VHP TECHNICAL SPECIFICATION

1. DESCRIPTION

VHP (Very High Polarisation) Raw Sugar is vegetable origin , consisting primarily of sugarcane natural sucrose sweetener, Sugar obtained by direct manufacture in the Plants from sugar cane, after clarification of sugarcane juice by physical-chemical treatments, followed by evaporation, crystallization, centrifugation and drying. It is presented in the form of uniform solid Brown crystals.

2. COMPOSITION

Basic composition of VHP raw sugar is sucrose with a minimum concentration of 99.%,

3. TESTS

SENSORY ANALYSIS			
PARAMETERS	PATTERN		UNITY
	MIN	MAX	
Aspect	Proper	Proper	n.a
Color	Light Brown	Brown	
Smell	Proper	Proper	
Flavor	Characteristic sweet	Characteristic sweet	

PHYSICOCHEMICAL ANALYSIS			
PARAMETERS	PATTERN		UNITY
	MIN	MAX	
Polarization	99	--	°Z
Icumsa	600	1.200	UI
Humidity	0,15	0,25	%
Ash	0,15	0,25	%
Moisture	--	0,15	%
Solubility	--	95	%
Magnetizable Particles	--	10	mg/Kg
Reducing Sugar	--	0,05	%
Sucrose	99	--	%
Sulfur dioxine	--	60	mg/Kg
Granulometry	0,6 medium size		mm

MICROBIOLOGICAL ANALYSIS			
PARAMETERS	PATTERN		UNITY
	MIN	MAX	
Coliforms at 45°C / g	--	Nill	NMP/g
Molds and Yeasts	--	Nill	UFC/g
Salmonella pp	--	Nill	UFC/25g
Bacillus cereus	--	Nill	UFC/g

HEAVY METAL ANALYSIS			
PARAMETERS	PATTERN		UNITY
	MIN	MAX	
AS	--	1	ppm
PS	--	2	ppm
CU	--	3	ppm

MICROSCOPIC ANALYSIS			
PARAMETERS	PATTERN		UNITY
	MIN	MAX	
Animal Fragments	--	Nill	--
Metallic Fragments	--	Nill	--
Insect Fragments	--	Nill	--
Synthetic Fragments	--	Nill	--
Mineral Fragments	--	Nill	--
Vegetable Fragments	--	Nill	--
Strange Matter Fragments	--	Nill	--
Parasites and Larvae	--	Nill	--
Sand	--	Nill	--

Note: Any other specifications not mentioned will meet international specifications. Any deviation from the above specs will also meet international specifications because each lot may differ slightly.


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