

**ANALYTICAL SPECIFICATIONS****Industrial  
Products****MALT EXTRACT POWDER DIASTASIC  
CRISTOMALT S D**Page :  
1/2**INGREDIENTS**Pure barley malt only**ORGANOLEPTIC CHARACTERISTICS**

<i>Characteristic</i>	<i>Standard</i>	<i>Method</i>
Aspect	Thin homogeneous powder, hygroscopic Lack of particles foreign	Visual inspection
Colour	Pale yellow Characteristic of malt	Visual inspection
Smell / Taste	Smell and taste characteristics of malt Lack of taste and smell foreign	Olfactory and gustatory control

**PHYSICO-CHEMICAL STANDARDS**

<i>Characteristic</i>	<i>Unit</i>	<i>Min.</i>	<i>Standard</i>	<i>Max.</i>	<i>Method</i>
pH	-	5.0	5.7	6.5	at 25 °C, in 10% sol.
Acidity	g / 100 g		0.8	1.3	Lactic acid
Diastasic activity / DM	° P. ° W.K ° L	4500 150 49	5000 170 55		Pollack Windisch-Kolbach Lintner
Reducing sugars / DM	g / 100 g	70	75		Maltose
<i>Glucose</i>	<i>g / 100 g</i>				Chromatography
<i>Fructose</i>	<i>g / 100 g</i>				"
<i>Sucrose</i>	<i>g / 100 g</i>				"
<i>Maltose</i>	<i>g / 100 g</i>				"
<i>Maltotriose</i>	<i>g / 100 g</i>				"
<i>Higher polymers</i>	<i>g / 100 g</i>				by difference
Protein / DM	g / 100 g	3.5	4.0		N × 6.25
Mold	g / 100 g		2.0	3.0	
Ashes / DM	g / 100 g		1.3	1.8	

DM = Dry matter

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2/2**MICROBIOLOGICAL STANDARDS**

<i>Characteristic</i>	<i>Unit</i>	<i>Min.</i>	<i>Standard</i>	<i>Max.</i>	<i>Method</i>
Total germs	UFC/g			< 50.000	
Coliforms	UFC/g			< 100	
E.coli	UFC/g		0		
Pathogenic staphylococci	UFC/g		0		
Salmonella	UFC/25 g		0		
Yeast	UFC/g			< 500	
Mold	UFC/g			< 500	

**CONTAMINANTS STANDARDS**

<i>Characteristic</i>	<i>Unit</i>	<i>Min.</i>	<i>Standard</i>	<i>Max.</i>	<i>Method</i>
Lead	ppm			< 0.2	
Cadmium	ppm			< 0.1	
Arsenic	ppm			< 0.1	
Mercury	ppm			< 0.1	
Aflatoxins B1	ppb			< 2	
Aflatoxins B1,B2,G1,G2	ppb			< 4	
Ocratoxins A	ppb			< 3	
Residual pesticides					396/2005 CCE

BBD : 18 months after the date of manufacture

Preservation : temperature between 16°C and 20°C in a dry place ; humidity &lt; 65%

Do not expose to sunlight

Close the bag after use

**ALL OUR PRODUCTS ARE GUARANTEED 100% PURE BARLEY**