

SETHNESS - ROQUETTE

CAMEL COLOUR

TEMPORARY SPECIFICATIONS DATA SHEET

IMP.AQ.05.C (AN)

CAMEL COLOUR POWDER 3450PW

27/07/2011

DEFINITION :

CAMEL COLOUR POWDER E150c ('class III'), of positive colloidal charge, obtained by controlled heat treatment of food carbohydrates, in the presence of ammonium compounds.

CAS n°: 8028-89-5 / EINECS : 232-435-9

SPECIFICATIONS :

* PHYSICO-CHEMICAL VALUES

APPEARANCE		Dark brown powder
ODOUR		Typical
TASTE		Slightly bitter
TINCTORIAL POWER	MC10 - 560 nm / 0.1%	0,420 – 0,470 Absorbance Units
COLOUR / ABSORBANCE	MC10 - 530 nm / 0.1%	0,590 – 0,660 Absorbance Units
COLOUR / ABSORBANCE	MC10 - 610 nm / 0.1%	0.248 – 0.283 Absorbance Units
pH	MC04 –10% solution	4,40 – 5,40
LOSS ON DRYING		< 5 %
TOTAL SULFUR	MC42	< 0,2 % (expressed on colour basis*)
AMMONIACAL NITROGEN	MC32	< 0,3 % (expressed on colour basis*)
TOTAL NITROGEN	MC33	0,7–3,3 % (expressed on colour basis*)
4-MEI (4-methylimidazole)		< 200ppm (expressed on colour basis*)

* *Colour basis* : Expressed on equivalent colour basis ie is expressed in terms of a product having a colour intensity of 0.1 absorbance unit.

* MICROBIOLOGICAL VALUES

TOTAL COUNT		< 1000 / g
YEASTS		< 50 / 10 g
MOULDS		< 50 / 10 g
COLIFORMS		Absent in 10 g
E.COLI		Absent in 1 g
STAPHYLOCOCCUS AUREUS		Absent in 1 g
SALMONELLAE		Absent in 25 g

* METALS VALUES

LEAD		< 1 ppm
ARSENIC		< 1 ppm
MERCURY		< 0,1 ppm
CADMIUM		< 1 ppm
HEAVY METALS		< 25 ppm

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TYPICAL VALUES :

HUE INDEX	MC10	4.9
COLOUR / EBC		52500
PARTICLE SIZE	Residue on 100µ	18 %

CONFORMITY :

- EUROPEAN COUNCIL DIRECTIVES : Food additive E150c (2008/128/EC)
- JOINT FAO / WHO EXPERT COMMITTEE ON FOOD ADDITIVES (JECFA 52/8)
- FOOD CHEMICALS CODEX (FCC - 6th edition)
- US CODE OF FEDERAL REGULATIONS (21 CFR - 73.85)

RAW MATERIAL :

- Glucose syrup made from wheat and conventional maize.

GMO :

- Non GMO
- No labelling required according to the 1829/2003/EC and 1830/2003 Directives.

ALLERGENES :

- No allergens to be labeled according to Directive 2007/68/EC.

STORAGE :

Conditions : store at room temperature in a dry area, protect from frost
Standard packaging : 25 kg polyethylene and paper bags
Shelf-life : 3 years minimum as from manufacturing date