

SETHNESS - ROQUETTE

CAMEL COLOUR

EXPERIMENTAL PROJECT SPECIFICATIONS

IMP.AQ.05.C (AN)

CAMEL COLOUR 2100

15/02/2012

DEFINITION :

CAMEL COLOUR E150b ('class II'), of negative colloidal charge, obtained by controlled heat treatment of food carbohydrates, in the presence of sulphites compounds.

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

SPECIFICATIONS :

* PHYSICO-CHEMICAL VALUES

APPEARANCE		Dark brown, fluid liquid
ODOUR		Typical
TASTE		Slightly bitter
TINCTORIAL POWER	MC10 - 560 nm / 0.1%	0,100 – 0,120 Absorbance Units
COLOUR / ABSORBANCE	MC10 - 610 nm / 0.1%	0,049 – 0,059 Absorbance Units
pH	MC04	2.50 – 3.50
SPECIFIC GRAVITY at 20°C	MC24	1,320 – 1,340
SULFITES (SO ₂)	MC41	< 0,2 % (expressed on colour basis*)
TOTAL SULFUR	MC42	0,3–3,5 % (expressed on colour basis*)
TOTAL NITROGEN	MC33	< 0,3 % (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		< 200 / g
YEASTS		< 10 / 10 g
MOULDS		< 10 / 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 :

DRY MATTER	%	68
HUE INDEX	MC10	6.4
COLOUR / EBC	---	12000
VISCOSITY at 25° C	MC73	450 mPa.s (cPS)

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 :

- Sulphites : Presence of sulphur dioxide and sulphites in concentrations of more than 10mg/kg expressed in SO₂

STORAGE :

Conditions : store at room temperature in a dry area, protect from frost

Standard packaging :

- bulk road tanker, bulk ISO tank
- 1300 kg rigid container, polythene bag
- 260 kg polythene drums,
- 30 kg polythene containers.

Shelf-life : 2 years minimum as from manufacturing date