

SETHNESS - ROQUETTE

CAMEL COLOUR

SPECIFICATIONS DATA SHEET

IMP.AQ.05.C (AN)

CAMEL COLOUR 3240

01/06/2011

DEFINITION :

CAMEL COLOUR 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, fluid liquid
ODOUR		Typical
TASTE		Slightly bitter
COLOUR / ABSORBANCE	MC10 - 530 nm / 0.1%	0,330 – 0,370 Absorbance Units
TINCTORIAL POWER	MC10 - 560 nm / 0.1%	0,230 – 0,260 Absorbance Units
pH	MC04	4,70 – 5,70
SPECIFIC GRAVITY at 20°C	MC24	1,281 - 1,304
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*)
* <i>Colour basis</i> : 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		66 %
COLOUR / ABSORBANCE	MC10 - 610 nm / 0.1%	0,135 Absorbance Units
HUE INDEX	MC10	5,3
COLOUR / EBC		30000
VISCOSITY at 25° C	MC73	300 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 :

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

STORAGE :

- Conditions : store at room temperature in a dry area, protect from frost
- Standard packaging :
 - bulk road tanker, bulk ISO tank
 - 1000kg or 1200kg tote
 - 260kg polythene drums,
 - 30kg polythene containers.
- Shelf-life : 2 years minimum as from manufacturing date