

# SETHNESS - ROQUETTE

## CAMEL COLOUR

### SPECIFICATIONS DATA SHEET

IMP.AQ.05.C (AN)

**CAMEL COLOUR 3260**

15/04/2011

#### **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%	0.350 – 0.440 Absorbance Units
TINCTORIAL POWER	MC10 - 560 nm / 0.1%	0,240 – 0,310 Absorbance Units
pH	MC04	4.50 – 5.50
SPECIFIC GRAVITY at 20°C	MC24	1.250 -1.270
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: Expressed on equivalent colour basis i.e. is expressed in terms of a product having a colour intensity of 0.1 absorbance unit.</i>		

##### \* 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		60 %
COLOUR / ABSORBANCE	MC10 - 610 nm / 0.1%	0.150 Absorbance Units
HUE INDEX	MC10	5,2
COLOUR / EBC		33000
VISCOSITY at 25° C	MC73	400 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 - 6<sup>th</sup> 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

**ALLERGENS:**

- No allergens to be labelled according to 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
- 1000 kg tote
- 250 kg polythene drums,
- 25 kg polythene containers.

Shelf-life: 2 years minimum as from manufacturing date