



Analysis of Malt

WEYERMANN® Specialty Malt Comp.

Quality control

Phone: +49 951 93 22 0 22

Fax: +49 951 93 22 0 922

eMail: andreas.richter@weyerermann.de



Cooperativa Agraria Agroindustrial

Avenida Parana, 211

Insc. Est: 40105823-05

Col. Vitória - Distr. Entre Rios

BR-85139-400 Guarapuava - PR

EDV-number:

Analysisnumber: M 38013

Date of analysis: 2009 - 11 - 10

Initials: RV

Customer-No.: 282953

Date of loading: **2009 - 11 - 11**

Order - number: **N°55**

Batch-No: **K46C**

Malt type: **Vienna Malt**

Moisture- and Extract:

Moisture content: **4,1** [%]

Extract (air dry): **78,1** [%]

Extract fine crush:: **81,4** [%]

Malt Friabilimeter:

ripeness: **83,4** [%]

fully glassy portion: **1,6** [%]

Color:

wort color: **8,5** [EBC]

boiled wort color: [EBC]

Saccrification time: **10-15** [min]

NDMA: < 2.5 [ppb]

SO2: no detect

pH, Viscosity and Hartong-Index

pH: **5,75**

Viscosity cal. 8,6 %: **1,53** [m Pa s]

Viscosity cal. 12,0 %: **1,83** [m Pa s]

Hartong Index: **35,7** [%]

Nitrogen / Protein:

Protein: **10,8** [%]

soluble nitrogen **708** [mg/100g MTs]

soluble protein (air dry) **4,4**

Kolbach Index : **40,9** [%]

(= Protein solution)

Analysenvorschriften: Brautechnische Analysemethoden (MEBAK)

Quality Manager: Andreas Richter

Weyermann® Specialty Malting Company
Brennerstr. 17-19 - D - 96052 Bamberg - Phone: +49 951 - 93220 - 0 - Fax: +49 951 - 93220-970
Subsidiary Haßfurt: Am Hafen 1 - D - 97437 Haßfurt - Phone: +49-9521-95 35 40 - Fax: +49-9521-9535 418
e-Mail: info@weyerermann.de - Internet: www.weyerermann.de

