



# Analysis of Malt

**WEYERMANN® Specialty Malt Comp.**

Quality control

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**Insc. Est: 40105823-05**

Col. Vitória - Distr. Entre Rios

BR-85139-400 Guarapuava - PR

EDV-number:

Analysisnumber: M 38008

Date of analysis: 2009 - 11 - 04

Initials: RV

Customer-No.: 282953

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

Order - number: **N°54**

Batch-No: **K45D**

Malt type: **Pale Ale Malt**

**Moisture- and Extract:**

Moisture content: **4,2** [%]

Extract (air dry): **77,7** [%]

Extract fine crush:: **81,1** [%]

**Malt Friabilimeter:**

ripeness: **84,4** [%]

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

**Color:**

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

boiled wort color: [EBC]

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

NDMA: < 2.5 [ppb]

SO2: no detect

**pH, Viscosity and Hartong-Index**

pH: **5,82**

Viscosity cal. 8,6 %: **1,52** [m Pa s]

Viscosity cal. 12,0 %: **1,82** [m Pa s]

Hartong Index: **36,3** [%]

**Nitrogen / Protein:**

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

soluble nitrogen **704** [mg/100g MTs]

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

Kolbach Index : **40,6** [%]

(= Protein solution)

Analysenvorschriften: Brautechnische Analysemethoden (MEBAK)

Quality Manager: Andreas Richter

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