NUCLEOBENT

Granulated bentonite for "microdosage"

CHARACTERISTICS

NUCLEOBENT *is a special granulated bentonite that is characterized by:*

- *Not creating dust during its use*
- *Its high dispersion, which accentuates the colloidal characteristics of the montmorillonite, improving the adsorbent capacity, the clarification effect and reducing the rehydration times in comparison to traditional bentonites.*
- *Its "microdosage", allowing for maximum respect of the product, in particular of color and aroma*
- *Its fast and compact sedimentation*
- *Its pharmaceutical-grade purit,y which avoids problems like transfer of undesirable compounds and odors into the must/wine*

APPLICATIONS

The elevated deproteinization power, the purity and granulation of NUCLEOBENT *allow for obtaining protein stability in musts, wines, vinegars and juices with "microdoses", all while respecting the color and aromatic profile of the treated products.* NUCLEOBENT *can be used:*

- *To block the natural and exogenous enzymatic activities (oxidases, pectinases, β-glycosidases, β-glucanases)*
- *For applications where the available rehydration time is brief and requires the use of bentonite with a high dispersion and high deproteinizing power.*
- *For its preventative action against "lightstruck"*

DOSAGE AND INSTRUCTIONS FOR USE

Dosage: 10-40 g/hl

NUCLEOBENT *swells quickly in water already in a ratio of 1:10, however its performance improves with a 1:20 dilution. In order to accelerate and optimize its rehydration, it is advisable to wait for 30 minutes before use of mechanical stirrer.*

PACKAGING

1 kg Packs, 10 kg and 25 kg Bags

CHEMICAL ANALYSIS (%)

SiO_2: 55-57
Al_2O_3: 25-27
TiO_2: 0,18-0,20
Fe_2O_3: 3,2-3,25
P_2O_5: 0,05
MnO: 0,01
MgO: 2,25-2,29
CaO: 1,77-1,79
K_2O: 0,80-0,84
Na_2O: 2,53-2,55

COMPOSITION E 558

Sodium activated bentonite
Montmorillonite: >95%
Colour: white-grey
Deproteinization power (CODEX method): >90%
Moisture: 9,5-11,5%

SOLUBLE METALS (DM26/04/02)

Fe: < 0,2%
Na: < 1,5%
Ca: < 2,5%
As: < 1,5 ppm
Pb: < 6 ppm
Other heavy metals: < 10 ppm

This product is not considered dangerous therefore a material safety data sheet is not necessary.

Azienda con Sistema di Gestione della Qualità certificato ISO 9001:2008 - certificato N. IT06/0451

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