

GLOBALFEED® AR

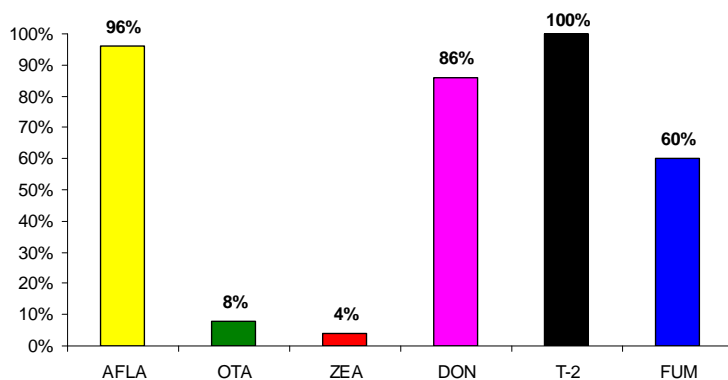
Selected bentonites as additives in feedstuff (E558)



PROPERTIES AND CHARACTERISTICS

GLOBALFEED® AR is made of an extremely pure bentonite, with great performances concerning mycotoxines adsorption.

GLOBALFEED® AR MYCOTOXINS ADSORPTION EFFICIENCY AT pH 7



Aflatoxin B1 (AFLA)
 Ochratoxin A (OTA)
 Zearalenone (ZEA)
 Deoxynivalenol (DON)
 T-2 Toxin
 Fumonisin (FUM)

GLOBALFEED® AR in the hydrated form has an elevated specific surface, about 800 m²/gr. This characteristic together with colloidal properties provide high adsorption behaviour and Aflatoxin control.



LAVIOSA
 Advanced Mineral Solutions

LAVIOSA CHIMICA MINERARIA S.p.A.



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COMPANY WITH QUALITY MANAGEMENT
 SYSTEM CERTIFIED BY DNV
 = ISO 9001:2008 =

GLOBALFEED® AR is a fine powder, not hygroscopic, extremely fluent. Very small particle size improves mycotoxines adsorption. The most common are: Aflatoxin B1, Ochratoxin, Zearalenone, Deoxynivalenol, Fumonisin B1 and T-2 toxin.

PHYSICAL CHEMICAL ANALYSIS		
Definition	Additive belonging to functional groups of binder agents and antiagglutinant	
Montmorillonite	[%]	95 – 97
Moisture	[%]	10 – 12
Cationic exchange capacity	[Meq/100g]	90 – 100
pH (suspension at 5% in H ₂ O)	[mm]	8 - 8,5
Lead content (directive 2005/87/CE)	[ppm]	max 30
Cadmium content (directive 2005/87/CE)	[ppm]	max 2
Dioxines content (directive 2006/13/CE)	[ng WHO PCDD/F-TEQ/kg]	max 0,75
Dioxines content and PCB (directive 2006/13/CE)	[ng WHO PCDD/F-PCB-TEQ/kg]	max 1,5
Total cristalline silica	[%]	max 10
Aflatoxin B1 Adsorption Efficiency	[%]	95
Ochratoxin A Adsorption Efficiency	[%]	8
Zearalenone Adsorption Efficiency	[%]	4
Deoxynivalenol Adsorption Efficiency	[%]	86
Fumonisin B1 Adsorption Efficiency	[%]	60
T-2Toxin Adsorption Efficiency	[%]	100
Chemical Analysis	[%]	Na ₂ O: 0,53 MgO: 2,26 Al ₂ O ₃ : 14,32 SiO ₂ : 73,74 P ₂ O ₅ : 0,03 K ₂ O: 0,84 CaO: 1,41 TiO ₂ : 0,27 MnO: 0,04 Fe ₂ O ₃ : 2,27

DOSAGE		Preventive	Existing contamination
Ruminants	[g/head/day]	12-50	50-100
Others	[Kg / ton of feed]	0.5-2	2-4

The information here illustrated is assumed accurate from the company but not as a guaranty object. Specifications may be changed without previous notice.



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FAMlqs

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