AMMICO

ARZESH AFARIN MINING & MINERAL INDUSTRIES CO.

FEED-GRADE

Bentonite

Livestock & Poultry Feed

A natural mineral additive for pelleted feed, mineral supplements and litter management, within the limits of Iranian national standards.

- Heavy metals below limits
- Aflatoxin-free
- Salmonella negative

Product Catalogue · 2026

www.arzeshafarinco.com



AMMICO
ARZESH AFARIN MINING & MINERAL INDUSTRIES CO.
شرکت معدنی و صنایع معدنی ارزش آفرین

From the mine to the finished product

Arzesh Afarin Mining & Mineral Industries Co. (AMMICO) extracts bentonite from its own mines, then processes and packs it at its industrial complexes in Ferdows and Kerman. Owning every link of the chain, from extraction to delivery, lets us control quality at each stage and supply our customers reliably.

Company-owned bentonite mines
Direct extraction, with quality control from the very first step

Ferdows Industrial Complex
Parsa Industrial Estate, Ferdows, South Khorasan

Kerman Industrial Complex
Industrial Estate No. 2, Kerman







THE AMMICO PRODUCT RANGE

Grinding steel balls Drilling & industrial bentonite
Feed-grade bentonite Fluorite OTR tire retreading
AMMICOAT industrial workwear

AMMICO Feed-Grade Bentonite

Bentonite is a natural clay based on montmorillonite. Its layered structure, high water absorption and binding properties make it widely used in the livestock and poultry feed industry. AMMICO feed-grade bentonite is sourced from stockpiles tested for heavy metals, aflatoxins and microbial contamination, and it complies with the limits of Iranian national standards.

National-standard compliant

Heavy metals within INSO 12968 limits

Aflatoxin-free

Below the HPLC limit of quantification

Salmonella negative

Absent in 25 g, tested per INSO 1810-1

Direct from the mine

Mined, processed and packed by AMMICO



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One additive, three core uses

Applications in animal feed



01

Pellet binder

As a binder in pelleted feed, it helps hold feed particles together and strengthens pellets, reducing breakage and fines during handling and storage.



02

Anti-caking & flow agent

In premixes, mineral supplements and lick blocks, it prevents caking and improves powder flow and even mixing.



03

Litter moisture absorbent

By absorbing moisture, it helps keep poultry house and livestock bedding dry and clean.

Inclusion rates depend on the feed formulation and should be set together with a nutritionist.

Poultry

Broilers and layers

AMMICO feed-grade bentonite is used in poultry feed mills as a pellet binder, and in poultry houses to manage litter moisture.

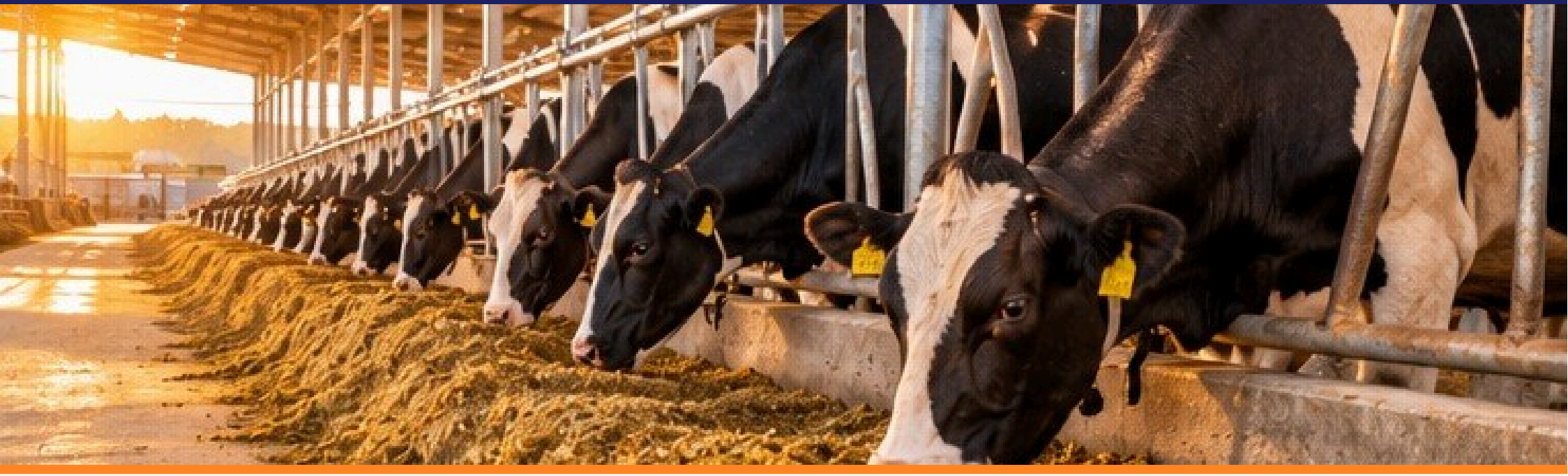
- **Broiler pelleted feed**
  Stronger pellets and fewer fines at the feeder
- **Layer rations and supplements**
  Added to pelleted feed and mineral supplements
- **Poultry house litter**
  Absorbs moisture and helps keep litter dry







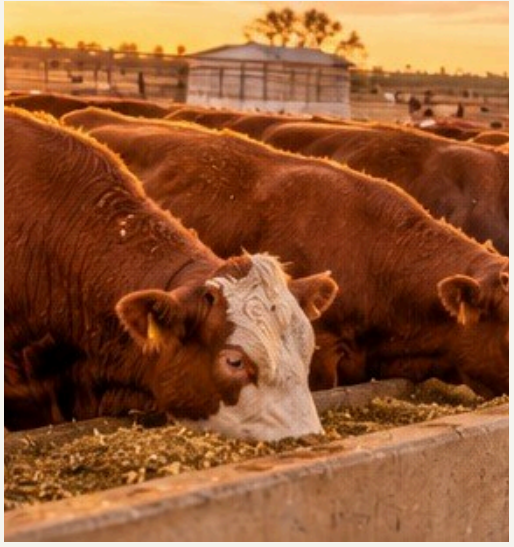
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Dairy and beef cattle

Used in feed mills for pellet and concentrate production, and in mineral supplements and lick blocks, as a binder and anti-caking agent.

- **Pelleted feed for dairy cows and calves**
- **Concentrates for beef cattle**
- **Mineral supplements and lick blocks**





Sheep & Goats

Used as a binder and anti-caking agent in small-ruminant concentrates and pelleted feed, and in mineral supplements and lick blocks.

- Pelleted feed and concentrates for fattening lambs
- Mineral supplements and lick blocks
- Moisture control for pen bedding



Safety, proven by testing

Results from ASA Laboratories, a partner laboratory of the Iranian National Standards Organization, compared with the maximum permitted levels. Each bar shows the measured value as a share of the limit.

Arsenic As — **1.01** of 30 ppm

Lead Pb — **4.10** of 30 ppm

Mercury Hg — **0.04** of 0.1 ppm

Cadmium Cd — **< 0.05** of 2 ppm

Total aflatoxins B1+B2+G1+G2 — **< 2.5** of 20 ng/g

Salmonella: negative Absent in a 25 g sample, as the standard requires

Limits: INSO 12968 for heavy metals, INSO 5925 for aflatoxins and INSO 605 for Salmonella.



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Feed-safety test results

Parameter	Result	Max. permitted	Unit	Status
Heavy metals				
Arsenic (As)	**1.01**	30	mg/kg	**Complies**
Cadmium (Cd)	**< 0.05**	2	mg/kg	**Complies**
Lead (Pb)	**4.10**	30	mg/kg	**Complies**
Mercury (Hg)	**0.04**	0.1	mg/kg	**Complies**
Aflatoxins (HPLC)				
Aflatoxin B1	**< 1**	—	ng/g	Below LOQ
Aflatoxin B2	**< 0.25**	—	ng/g	Below LOQ
Aflatoxin G1	**< 1**	—	ng/g	Below LOQ
Aflatoxin G2	**< 0.25**	—	ng/g	Below LOQ
Total aflatoxins	**< 2.5**	20	ng/g	**Complies**
Microbiological				
Salmonella	**Negative**	Negative	per 25 g	**Complies**

Test information

Laboratory	**ASA Laboratories, Tehran**
Sample	**Alyan mine**
Acceptance no.	**520461**
Test date	**10 October 2026**
Report date	**31 October 2026**

Standards & test methods

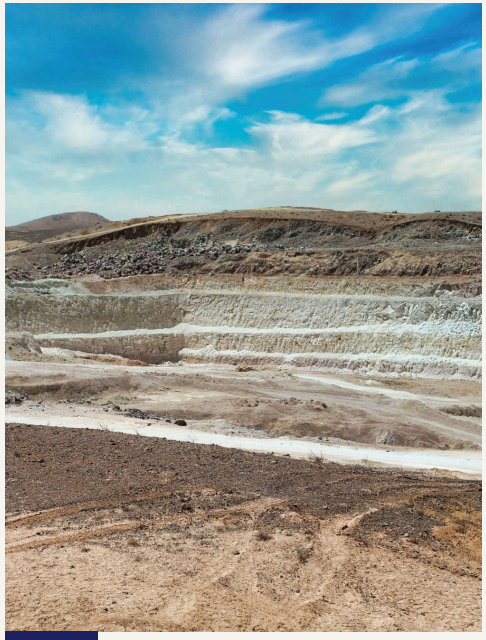
Heavy metals	INSO 12968
Aflatoxins	INSO 5925 · ISIRI 6872
Salmonella	INSO 605 · INSO 1810-1

Results relate to the sample tested. A certificate of analysis for each shipment and the full Technical Data Sheet (TDS) are available on request. Total aflatoxins are calculated as the sum of the four fractions' quantification limits.

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From mine to farm

One company, one chain



1

Extraction

Bentonite mined from AMMICO's own deposits



2

Stockpiling & testing

Stockpiles sampled and tested for heavy metals, aflatoxins and Salmonella to select feed-grade material



3

Processing

Processing and milling at the Ferdows and Kerman industrial complexes



4

Packing & dispatch

Packed in bags, jumbo bags or bulk and shipped to the customer's site



11 PACKAGING & DELIVERY

Packaging to suit your operation

AMMICO
ARZESH AFARIN MINING & MINERAL INDUSTRIES CO.

Bags

30 kg

Palletised for easy handling and storage at mills and farms

Jumbo bags

600–1,000 kg

For industrial use at livestock and poultry feed mills

Bulk

20–30 t

Truck delivery for large-volume buyers

Contact our sales team to arrange packaging and delivery.

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More AMMICO products

For orders and technical advice

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