

**SAFE FOR
POULTRY**



**GOOD FOR
YOUR POULTRY.
GREAT FOR
YOUR BUSINESS!**

PROSODIUMTM

Rich Source of Sodium for Poultry Feed



WHY PROSODIUM?

PROSODIUM™ is the best source of sodium for poultry diets. Enriched with 32% Sodium*, PROSODIUM™ helps in decreasing the Acid Binding Effect and increasing the Dietary Electrolyte Balance, improving digestion in the upper tract and the overall health of your poultry.

Get more Sodium per Kg.

Switch to PROSODIUM today and give your poultry and your business the boost they deserve

**Derived from molecular mass.*

Product USP



Rich Source
of Sodium



Value-for-Money
Formulation



Maintains Dietary
Electrolyte Balance



Decreases
Acid-binding Effect



Lower Ammonia
Emission

Value Added Benefits

- Better Dietary Electrolyte Balance management as compared to other sources of Sodium (eg.Sodium Bicarbonate)
- Commercially Economical as compared to other sources of Sodium
- Lowers litter pH and ammonia emissions
- Lower acid binding effect, leading to increased protein digestion

Specification of PROSODIUM™ is as under:

Sr. No.	Parameters	Unit	Specifications
1	Colour		White
2	pH of 10% solution		Max 8.5
3	Sodium Sulfate (as Na_2SO_4)	%	Min 99.0
4	Cl as NaCl	%	Max 0.10
5	Iron Content	%	Max 0.002
6	Moisture	%	Max 0.20
7	Matter insoluble in Water	%	Max 0.20
8	Heavy metals as (Pb)	ppm	Max 5.0
9	Arsenic	ppm	Max 1.5

Packaging Details: 50 Kg Bag



Manufacturing and Quality

PROSODIUM™ is manufactured at India, Thailand and Indonesia using state-of-the-art technology. The plants are –

**ISO
9001:2015
CERTIFIED**

**ISO
14001: 2015
CERTIFIED**

**OHSAS
18001:2007
CERTIFIED**

The product has been certified as-

- Safe for poultry feed for Hens as per toxicology study conducted over a duration of three months
- Free of Heavy metal contamination
- Category 5 product as Globally Harmonized Classification System (GHS), with LD-50 range between 2000-5000 mg/Kg by weight
- Free of any radioactive contamination

Effect of PROSODIUM™

Diet formulation and feed processing








A practical corn-SBM starter and finisher diet formulated. For each feeding period, all the basal diets calculated to be is nutritive, and will meet or exceed the nutrient specifications recommended for the breed. Feed and water provided ad libitum. The diets presented to the birds as Crumbs & pellet.

Field Trials: 1

(Pre-starter: 0-10 days, starter 11-21 days, finisher 22-41 days)

Total No. of Chicken for trial: 9500

Results








 Diet	 Age (Days)	 Body Weight (Kg)	 Feed Intake (Kg)	 FCR (Feed Conversion Ratio) No.	 EEF (European Efficiency Factor) No.	 Mortality %
Control (Sodium Bicarbonate)	41	2.300	3.286	1.56	349	3.3
PROSODIUM™ + Control	41	2.337	3.341	1.55	359	2.7

Field Trials: 2

(Pre-starter: 0-10 days, starter 11-21 days, finisher 22-37 days)

Total No. of Chicken for trial: 780

Results

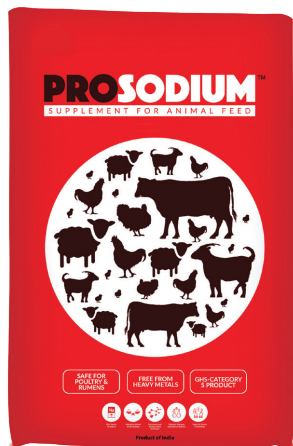
 Diet	 Age (Days)	 Body Weight (Kg)	 Feed Intake (Kg)	 FCR (Feed Conversion Ratio) No.	 EEF (European Efficiency Factor) No.	 Mortality %
Control (Sodium Bicarbonate)	35	1.913	3.260	1.48	354	4.1
PROSODIUM™ + Control	35	1.932	3.280	1.44	377	1.6

Inference:

- Better body weight with feed containing PROSODIUM™, leading to increased FCR.
- Lesser Mortality with PROSODIUM™.
- High profitability as EEF (European Efficiency Factor) is higher with PROSODIUM™.

Unmatched Customer Connect and R&D Support

- QR Code stamped bags for eased customer support
- Facilitate training sessions with Industry experts on Poultry Feed and Dietary Requirements
- State-of-the-art R&D support for product testing and applications



Packaging

PROSODIUM™ is available in high quality 50 kg bags which is –

- BOPP (Bi-axially oriented Polypropylene) laminated PP bag

Manufacturing Location

India | Thailand | Indonesia

Scan here to
know more



GRASIM INDUSTRIES LIMITED

Head Office & Marketing & Business Development Division

Hub Town Solaris, 5th Floor, 501A & 502, Professor N S Phadke Marg, Vijay Nagar,
Andheri East, Mumbai, Maharashtra 400069



022 6195 7700/786



re.prosodium@adityabirla.com



/prosodium

www.prosodium.com