

STRUCTURING & FORMING TECHNOLOGIES



PetShure[®]
TURNING IMAGINATION INTO REALITY



STRUCTURING & FORMING PRODUCTS

- ▶ ACTIVATING AGENT
CONTROLLED RELEASE
CALCIUM LACTATE
- ▶ GELATINIZING AGENT
SODIUM ALGINATE

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Transform small protein components of both animal and plant origin into solid forms that resemble high-value, whole muscle meat with PetShure[®] Structuring & Forming Technologies. Leveraging Balchem's expertise in ingredient encapsulation, PetShure Structuring & Forming Technologies offer greater process flexibility and control.

The system consists of two parts, sodium alginate and calcium lactate. Alginate produces a thermo-irreversible

gel in the presence of calcium which forms and binds small protein components into a singular shape. Microencapsulated calcium lactate offers a consistent and controlled bond with sodium alginate for reliable processing.

With PetShure Structuring & Forming Technologies, you can transform protein components into high-quality, high-value solid meat products that handle and process just like whole muscle meat.



TRIM MEAT



STRUCTURED MEAT—UNCOOKED



STRUCTURED MEAT—COOKED

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With the PetShure® Structuring & Forming line of products, we're opening new possibilities.

WHAT IF YOU COULD...

- ▶ Transform trim meat into high-value, nutritious solid meat products
- ▶ Reform loose meat to perform like whole muscle cuts during processing and cooking
- ▶ Control timing and processing rate for greater production flexibility
- ▶ Bind or retain water without adding phosphates
- ▶ Standardize your incoming meat mixtures for consistency
- ▶ Turn imagination into reality

Bring us your challenges and opportunities and we'll help turn your imagined possibilities into marketable and profitable realities.



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QUALITY YOU CAN TRUST

Nothing is more important to you and your customers than quality ingredients from a supplier you can trust. For more than 50 years, Balchem has earned that trust across multiple industries.

You can count on the PetShure products to continue the tradition of excellence with the following certifications and quality assurances:

AAFCO-Compliant | SQF