SOY PROTEIN CONCENTRATES

Winning with the Right Solution

With the exploding popularity of meat alternatives and other nutrition-forward, plant-based foods, soy is in high demand. Its do-it-all properties let you answer any number of formulation challenges from improving texture to adding protein and fiber. We offer holistic, value-added solutions with the industry’s most reliable and most diverse range of soy concentrates.

UNLOCK THE POWER OF PLANT PROTEIN

Flexitarians continue to embrace plant-based, closer-to-nature foods, so ADM’s soy becomes more important for its unmatched taste, texture and functionality. It plays a key role in protein-rich foods and beverages, and based on market trends, its prevalence is destined to grow. Soy protein concentrates and isolates are currently the only plant protein sources that have substantially comparable essential amino acid levels and availability to animal proteins.

1United Soybean Board, “Consumer Attitudes About Soyfoods and Health” Survey, 2019
2ADM OutsideVoice Protein Consumer Study, August 2019
3Plant Based Foods Association and The Good Food Institute, 52 weeks ending 4/21/19
Meeting Consumer Demand

ADM is one of the largest soybean processors in the world and we’ve developed an unrivaled variety of soy protein concentrates. Add that to over 75 years of plant-based protein expertise and an endless commitment to expanding our technical resources, and it’s no wonder we’re at the forefront of helping manufacturers use soy to create on-trend, high protein products.

BETTER OPTIONS
We unlock value throughout the entire vertically-integrated supply chain. Nobody offers you so many different diverse, premium-quality soy protein concentrates.

APPLICATIONS EXPERTISE
Our technical know-how to replicate traditional meat and dairy products is renowned throughout the industry—and our expertise extends to baking, snacks, beverages and beyond.

PREMIER TASTE
ADM concentrates deliver a pure, clean taste due to the high quality and growing standards of our soy that is more neutral-tasting as is. Add our flavor expertise across an array of alternative food and beverage we’re unmatched in the industry.

ENHANCED TEXTURE
With so many varieties to play with, we’re able to provide the exact texture your consumer demands every time, to give you an edge.

SPEED TO MARKET
Our global reach and direct partnerships with growers mean a consistent supply of the ingredients you need, when you need them. Our cross-functional team’s expertise, innovation and ground-breaking solutions help get your finished product to market quicker.

SUSTAINABLE SOURCING*
We have an unwavering commitment to sustainability and traceability. Our identity-preserved, clear-label sourcing story helps gives you an edge, appealing to today’s environmentally-focused, health-conscious consumer.

* Sustainability and other claims as defined by U.S. standards
SOLUTIONS FOR ALL YOUR FORMULATION NEEDS

Our vast experience in all categories gives you an edge in crafting delicious, consumer-preferred plant-based foods and beverages. Whatever your application or functional challenge, we’ll create an innovative solution that works for you.

Here are ways our outstanding soy protein concentrates can help:

**INCREASE WATER RETENTION AND JUICINESS**
**IMPROVE TEXTURE**
**PROVIDE EMULSIFICATION**
**BOOST NUTRITIONAL VALUES**
**REDUCE COST**
**ENHANCE VISCOSITY**

---

**More Applications, More Benefits**

- meat alternatives
- processed meat
- dairy alternatives
- beverages
- bars and snacks
- baking
- cereal
- ice cream novelties
- nutritional products
- pet food & animal feed

Unlocking Nature. Enriching Life. 844-441-FOOD | food@adm.com | adm.com/food
Exactly What You Had in Mind

Every product is different, so we offer formulators many choices to meet their unique product and application goals. With a minimum protein content of 65% on a moisture-free basis—and a fiber content of 20 percent—our traditional and functional soy protein concentrates deliver cost-effective solutions available as a powder or textured pieces. Our soy protein concentrates are available in organic, expeller-pressed, non-GMO, clean label and conventional formats. We have the technical expertise and flavor craftsmanship to help you put it all together and get to market quickly.

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arcon Plus 412</td>
<td>Highly functional, adds texture, water binding</td>
<td>Processed meat systems including fermented sausages</td>
</tr>
<tr>
<td>Arcon S</td>
<td>Very low flavor profile, high protein solubility, superior fat emulsification, good dispersibility and water-binding properties</td>
<td>Meat products, surimi analogs, cream-based soups and sauces, bakery products, nutritional powder drinks</td>
</tr>
<tr>
<td>Arcon SP</td>
<td>Fine powder, very low flavor profile, high protein solubility</td>
<td>Emulsified poultry, uncured red meat</td>
</tr>
<tr>
<td>Arcon SM</td>
<td>Very low flavor profile, high protein solubility, superior fat emulsification</td>
<td>Emulsified and injection meat systems</td>
</tr>
<tr>
<td>Arcon SMB</td>
<td>Highly functional, water dispersible, good fat emulsification</td>
<td>Low sodium food systems, nutritional beverages</td>
</tr>
<tr>
<td>Arcon SMP</td>
<td>Fine powder, low flavor profile, high protein solubility</td>
<td>Emulsified/injection poultry, uncured red meat, high-moisture extrusion applications</td>
</tr>
<tr>
<td>Arcon SQ</td>
<td>High solubility, excellent emulsification, very good water binding</td>
<td>Processed meat and other food systems where water binding is required</td>
</tr>
<tr>
<td>Arcon SJ</td>
<td>Soluble, good functionality</td>
<td>Emulsified processed meats, surimi analogs</td>
</tr>
<tr>
<td>Arcon SB</td>
<td>High solubility, good water binding and emulsification properties</td>
<td>Fully-cooked coarse ground and emulsified meat products like gyros and kebabs</td>
</tr>
<tr>
<td>Arcon F</td>
<td>Fine powder, low PDI, bland, free flowing</td>
<td>Protein supplements, meat systems, fermentation</td>
</tr>
<tr>
<td>Arcon VF</td>
<td>Fine powder, low PDI, bland, free flowing</td>
<td>Protein supplements, nutritional bars, meat systems</td>
</tr>
<tr>
<td>Arcon ST</td>
<td>Very low flavor profile, high protein solubility, superior fat emulsification</td>
<td>Emulsified and injection meat systems</td>
</tr>
<tr>
<td>Nocra 441</td>
<td>Good emulsification and water binding</td>
<td>Emulsified meat systems, coarse ground meat, other food products where fat emulsification is required</td>
</tr>
<tr>
<td>Nocra 443</td>
<td>Moderate water binding and fat emulsification</td>
<td>Coarse ground meat systems</td>
</tr>
</tbody>
</table>

ADM DELIVERS FOR YOU

With ADM, you have a partner who combines the industry’s biggest and most versatile portfolio of soy protein concentrates with unmatched technical ingenuity. We bring over 75 years of experience in alternative protein and flavor design to the table—and offer top culinary and R&D expertise to give you an edge in developing consumer-preferred plant-based food and beverages. Our high processing standards and partnerships with growers help ensure a safe, sustainable*, premium-quality product from farm to plate.

*Sustainability and other claims as defined by U.S. standards

©2020 Archer Daniels Midland Company

844-441-FOOD | food@adm.com | adm.com/food

ARCHER DANIELS MIDLAND COMPANY DISCLAIMS ANY AND ALL WARRANTIES, WHETHER EXPRESS OR IMPLIED, AND SPECIFICALLY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. OUR RESPONSIBILITY FOR ANY CLAIM IS LIMITED TO THE PURCHASE PRICE OF MATERIAL PURCHASED FROM US. CUSTOMERS ARE RESPONSIBLE FOR OBTAINING ANY LICENSES OR OTHER RIGHTS THAT MAY BE NECESSARY TO MAKE, USE, OR SELL PRODUCTS CONTAINING OUR INGREDIENTS. ANY CLAIMS MADE BY CUSTOMERS REGARDING INGREDIENT TRAITS MUST BE BASED ON THE SCIENTIFIC STANDARD AND REGULATORY/LEGISLATIVE REQUIREMENTS OF THE COUNTRY IN WHICH THE FINAL PRODUCTS ARE OFFERED FOR SALE.