



# PROCOLOR-TS

***Bio-innovative solution for enhancing colour and nutritive value of rice DDGS to match maize DDGS.***

Rice-based DDGS often has a brown to blackish appearance due to caramelisation, which reduces market acceptance and perceived quality compared to maize DDGS.

ProColor-TS is a specialized formulation designed to enhance the colour of rice DDGS to a desirable golden yellow while maintaining its nutritional integrity and process compatibility.

## **Mode of Action**

- Contains a combination of phosphate, calcium, and other salts that adsorb onto insoluble grain components, imparting a golden yellow colour.
- Enhances calcium and phosphate content, improving the nutritive value of DDGS.
- Works without altering the original quality, smell, or fermentation by-products of the system.

## **Product Key Benefits**

- Enhances colour of rice DDGS to golden yellow similar to maize DDGS
- Improves nutritive value by increasing calcium and phosphorus content
- No adverse impact on fermentation by-products
- No impact on ENA/spirit quality and yield
- No effect on distillate and condensate quality
- Reduces dependency on DCP in feed preparation
- Biodegradable and eco-friendly
- Complies with feed and food grade specifications

## Product Application

Added in beer well/fermenter after fermentation ceases.

## Operational Conditions

- Temperature: 25–50°C
- pH 3.5–6.5

## Dosage

- Up to 60 ppm on fermented wash (adjustable based on colour requirement)

## Product Characteristics

- Composition: Blends of Salts
- Form: Powder
- Appearance: Pink colored powder
- Solubility: Water soluble
- pH (0.1% solution): 5.9–6.9

## Product Packaging

- 25 kg HDPE drums (1 kg aluminium foil packs inside)

## Product Shelf Life

- Minimum 24 months

## Product Handling

- Avoid inhalation of dust and contact with skin.
- Use PPE including gloves and respiratory protection if required.
- Ensure adequate ventilation and avoid dust formation.
- Store in cool, dry, well-ventilated conditions and keep container tightly closed.
- Follow MSDS guidelines for safe handling.



ISO 9001:2015 Certified | FSSC 22000 Certified

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Certifications:

