



# VitalPro

Spray-dried bovine blood cells



## Description:

**VitalPro** is spray-dried bovine blood cells (hemoglobin) that is marketed by International Ingredient Corporation. VitalPro is a specialty protein source used in swine starter diets. VitalPro is also an excellent source of rumen by-pass (undegradable) protein for cattle. The production process for VitalPro ensures 90% rumen undegradable protein (RUP) with high intestinal digestibility.

## Analysis:

|   | Typical Value |
|---|---------------|
| Crude protein, %                          | 92.0          |
| Rumen undegradable protein (RUP), % of CP | 90.1          |
| Intestinal digestibility, % of RUP        | 98.9          |

## Features:

- Food-grade quality source of spray-dried bovine blood cells (hemoglobin)
- 100% bovine origin
- Collected from cattle at USDA-inspected facilities in Nicaragua
- Dried in a USDA- and HACCP-certified facility
- Spray-dried at temperatures that ensure bacterial and viral destruction, without sacrificing amino acid digestibility
- High rumen by-pass and high intestinal digestibility
- Used in cattle feeds and swine starters.