

35% Whey Protein Concentrate

First District Association

Description:

Whey Protein Concentrate (WPC) manufactured by First District Association (FDA) is produced from colored sweet dairy whey using an ultrafiltration system, where a percentage of lactose and minerals are removed, resulting in an increased protein level. Whey Protein Concentrate features bland flavor, high nutrition protein and is high solubility in water, making it suitable for use in most food applications.

Chemical:

<u>Chemical</u>	<u>Method</u>	<u>Typical</u>	<u>Specification</u>
Protein (% Dry Basis)	*NIR/ AOAC 992.15	35	≥ 34.4%
Total Moisture (%)	*NIR/ SMEDF 17 th Ed. 15.111	4.5	≤ 5.5%
Fat (% Dry Basis)	*NIR/ SMEDF 17 th Ed. 15.086	4.0	≤ 5.0%
Ash (%)	*NIR/ SMEDF 17 th Ed. 15.041	6.5	≤ 8.0%
pH	SMEDP 17 th Ed. 15.022	6.6	6.0-7.2
Scorched Particles (mg/25g)	SMEDP 17 th Ed. 15.172 (9.1)	7.5	≤ 15.0mg/25g
Color	Organoleptic	Light to med. orange	
Flavor	Organoleptic	Clean, bland	Clean, bland

*NIR = Near Infrared Analysis/ calibrated to the listed standard methods

Microbiological Analysis

	<u>Method</u>	<u>Typical</u>	<u>Specification</u>
Salmonella**	AOAC 996.08	Negative	Negative
Aerobic Plate Count (cfu/g)	SMEDP 17 th Ed. 6.040	<30,000	≤30,000
Coliform (cfu/g)	SMEDP 17 th Ed. 7.072	<2	<2

**Sample size based upon customer specifications

Country of Origin:

United States of America



Size and Packaging:

50 lb or 25kg net weight kraft paper bag with inner poly vapor barrier liner or 2,000 pound super sacks.

Shelf Life:

It is recommended to store WPC 35% in a clean, cool (<80°F), low humidity (<65% relative humidity) environment for maximum shelf life. Stock should be rotated and consumed within 18 months.