

How Much Protein in Concentrates & Isolates?*

This chart is a work in progress. All percents on a dry weight basis..

PROTEIN SOURCE	FLOUR	CONCENTRATE	ISOLATE	REFERENCE
Whey	–	≥ 25%	≥ 90%	ADIP (link to other dairy ingredients, industry standard)
Whey Protein Concentrate	–	≥ 25%	–	US FDA
Soy	≥ 50% to <65%	≥65% to < 90%	≥ 90%	Codex STAN 175-1989
Vegetable Protein Products (VPP)	≥40% for VPP products			Codex STAN 174-1989, modified 2019
Pea		50 – 60%	≥ 80%	No known U.S. regulations. Stated values are reported general industry standards. To be confirmed. See Codex for
Chickpea		50 – 60%	≥ 80%	No known U.S. regulations. Stated values are reported general industry standards. To be confirmed. See Codex for
Vital & Deactivated Wheat Gluten		≥80%		CODEX STAN 163-1987, Rev. 1-2001
More To Come?				

*NOTE: .This information should not be construed as legal advice. Please check with a legal expert in these areas.

Please credit this chart to [Global Food Forums, Inc.](#)

A repeat of the links as shown in the chart above are given below:

Link for vegetable Protein - Codex STAN 174-1989, modified 2019

http://www.fao.org/fao-who-codexalimentarius/sh-proxy/en/?lnk=1&url=https%253A%252F%252Fworkspace.fao.org%252Fsites%252Fcodex%252Fstandards%252FCXS%2B174-1989%252FCXS_174e.pdf

Link for Soy protein

http://www.fao.org/input/download/standards/325/CXS_175e.pdf

Link for standard of wheat protein products including wheat gluten CODEX STAN 163-1987, Rev. 1-2001

http://www.fao.org/fao-who-codexalimentarius/sh-proxy/en/?lnk=1&url=https%253A%252F%252Fworkspace.fao.org%252Fsites%252Fcodex%252Fstandards%252FCXS%2B163-1987%252FCXS_163e.pdf

A NOTE OF APPRECIATION FOR THE HELP WITH VARIOUS ASPECTS OF THE ABOVE CHART GOES TO:

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[Courtesy of United Soybean Board \(unitedsoybean.org\) and the Soy Nutrition Institute \(thesoynutritioninstitute.com\)](#)

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