

# SweetWARE PDCAAS Report

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<b>PDCAAS Test Recipe</b>	
Serving size:	550 g
Servings per Container:	1

Ingredient	Quantity	digest	Protein	Histidine	Isoleucine	Leucine	Lysine	Meth+Cyst	Phen+Tyro	Threonine	Trypto	Valine
	(g)		(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)
PDCAAS Test Chickpea	150 g	0.800	33.000	5.610	5.610	5.610	2.310	0.825	5.610	1.386	0.429	5.610
PDCAAS Test Milk Powder	50 g	0.950	17.000	2.860	2.860	2.860	1.360	0.510	2.860	0.629	0.204	2.860
PDCAAS Test Wheat	350 g	0.850	45.500	8.180	8.180	8.180	1.138	1.593	8.180	1.365	0.500	8.180
<b>Total</b>	<b>550 g</b>		<b>95.500</b>	<b>16.649</b>	<b>16.649</b>	<b>16.649</b>	<b>4.808</b>	<b>2.928</b>	<b>16.649</b>	<b>3.380</b>	<b>1.134</b>	<b>16.649</b>
mg Amnio Acid per gram Protein				174.335	174.335	174.335	50.340	30.654	174.335	35.393	11.869	174.335
Reference Pattern				19	28	66	58	25	63	34	11	35
Amino Acid Ratio to Reference				9.176	6.226	2.641	0.868	1.226	2.767	1.041	1.079	4.981
Uncorrected Amino Acid Score		0.87										
Limiting Amnio Acid												
Effective Digestibility		0.85										
PDCAAS		0.74										
Corrected Protein Value			70.50 g									

**Notes**

Abbreviations: digest = Protein Digestibility,  
Meth+Cyst = Methionine + Cystine,  
Phen+Tyro = Phenylalanine + Tyrosine,

Trypto = Tryptophan

Effective Digestibility: Effective Digestibility of a Recipe/Formula is a weighted average of the Protein Digestibility of each ingredient

Reference: Protein Quality Evaluation - Report of Joint FAO/WHO Expert Consultation  
[http://apps.who.int/iris/bitstream/10665/38133/1/9251030979\\_eng.pdf](http://apps.who.int/iris/bitstream/10665/38133/1/9251030979_eng.pdf)