

Rice

(Parboiled)

This processed, milled commodity is used in all categories of programs as a staple food.

A. NUTRITIONAL VALUES (PER 100 g)

These are average values, taken from the U.S. Department of Agriculture, Agricultural Research Service (USDA:ARS) 1998 USDA Nutrient Database, Laboratory Home Page (<http://www.nal.usda.gov/fnic/foodcomp>). They are provided as a guideline and are appropriate for use in the calculation of food aid rations. Please note: these values may or may not meet the exact specifications of the USDA Export Purchase Announcements for the P.L. 480 Program, which change periodically.

B. COMPONENTS

100% Rice

C. GENERAL SPECIFICATIONS

Not more than ten days prior to packaging, fumigate with Methyl Bromide or Phostoxin to inhibit infestation by weevils or other insects. The rice shall be long, medium, or short grain milled rice grading U.S. No. 5 or better, except the rice shall be reasonably well-milled and not contain more than 20% broken kernels.

The rice must meet the specifications of the class and grade offered as defined in the "United States Standards for Milled Rice," in effect at the time the contract is made. See <http://www.usda.gov/gipsa/reference-library/standards/rice.htm> for more information.

Unless otherwise specified, milled rice of the special grades "parboiled light" or "parboiled" which meet class and grade specifications shall be acceptable. No specialty rice, including but not limited to aromatic rice, shall be acceptable unless specified in the applicable invitation for offers.

(Source: USDA:FSA:PDD:EOB December, 1997 (Contact Tel: 202-690-3565)
<http://www.fas.usda.gov/excredits/pl480/commodities/no5rice.htm>)

Nutrient	Amount	Unit
Water	10.2	g
Energy	371.0	Kcal
Protein	6.8	g
Total Lipid	0.6	g
Carbohydrate	81.7	g
Fiber, total dietary	1.7	g
Ash	0.8	g
Calcium	60.0	mg
Iron	1.5	mg
Magnesium	31.0	mg
Phosphorus	136.0	mg
Potassium	120.0	mg
Sodium	5.0	mg
Zinc	1.0	mg
Copper	0.2	mg
Manganese	0.9	mg
Selenium	23.0	mcg
Vitamin C	0.0	mg
Thiamin	0.1	mg
Riboflavin	0.1	mg
Niacin	3.6	mg
Pantothenic acid	1.1	mg
Vitamin B-6	0.4	mg
Folate	17.0	mcg
Vitamin B-12	0.0	mcg
Vitamin A	0.0	IU
Vitamin E	0.1	mg-ATE
Vitamin D	n/a	IU
Iodine	n/a	mcg

D. PACKAGING

50 kg (110.23 lb.) woven polypropylene bags. This fabric contains an inhibitor to resist ultra-violet absorption along with an anti-skid coating.

E. SHELF LIFE

The shelf life for parboiled rice is a minimum of twenty-four months. The Best if Used By Date (BUBD) for parboiled rice is twenty-four months. See Section III: Storage/Shelf Life Specifications for more information.

GRADES, GRADE REQUIREMENTS, AND GRADE DESIGNATIONS

Grades and grade requirements for the classes Long Grain Milled Rice, Medium Grain Milled Rice, Short Grain Milled Rice, and Mixed Milled Rice

Grade	Maximum limits of -												
	Seeds, heat-damaged, and paddy kernels (singly or combined)		Red rice and damaged kernels (singly or combined) (%)	Chalky kernels [1][2]		Broken kernels				Other types [4]		Color requirements [1]	Minimum milling requirements [5]
	Total (number in 500 grams)	Heat-damaged kernels and objectionable seeds (number in 500 grams)		In long grain rice (%)	In medium or short grain rice (%)	Total (%)	Removed by a 5 plate [3] (%)	Removed by a 6 plate [3] (%)	Through a 6 sieve [3] (%)	Whole kernels (%)	Whole and broken kernels (%)		
1	2	1	0.5	1.0	2.0	4.0	0.04	0.1	0.1	-	1.0	Shall be white or creamy	Well milled
2	4	2	1.5	2.0	4.0	7.0	0.06	0.2	0.2	-	2.0	May be slightly gray	Well milled
3	7	5	2.5	4.0	6.0	15.0	0.1	0.8	0.5	-	3.0	May be light gray	Reasonably well milled
4	20	15	4.0	6.0	8.0	25.0	0.4	2.0	0.7	-	5.0	May be gray or slightly rosy	Reasonably well milled
5	30	25	6.0 [5]	10.0	10.0	35.0	0.7	3.0	1.0	10.0	-	May be dark or rosy	Lightly milled

Source: *United States Standards for Rice (USDA)* <http://www.usda.gov/gipsa/reference-library/standards/rice.htm>

[1] For the special grade Parboiled milled rice, see _868.315(c) from source.

[2] For the special grade Glutinous milled rice, see _868.315(e) from source.

[3] Plates should be used for southern production rice; and sieves should be used for western production rice, but any device or method which gives equivalent results may be used.

[4] These limits do not apply to the class Mixed Milled Rice.

[5] For the special grade Undermilled milled rice, see _868.315(d) from source.