



State Institution
the Republican
Scientific Clinical
Center of
Pediatrics and
Pediatric Surgery.
Republic of
Tajikistan

Standard harmonization for wheat flour fortification. Tajikistan

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Draft

STANDARD OF THE REPUBLIC OF TAJIKISTAN

WHEAT BAKING FORTIFIED FLOUR
(first grade)

Specification

**AGENCY FOR STANDARDIZATION, METROLOGY, CERTIFICATION AND
TRADE INSPECTION**

❖ **DEVELOPED AND INTRODUCED BY:** State Unitary Enterprise
“Galla”

❖ **AGREED BY:** Ministry of Health and Social Protection of the
Republic of Tajikistan

❖ **APPROVED AND ENTERED INTO FORCE** by Order of the Agency for
Standardization, Metrology, Certification and Trade Inspection under the
Government of the Republic of Tajikistan dd. _____ 2016 №____

❖ **FIRST ISSUE**

<i>Vitamins and minerals weight ratio, mg/kg:</i>	Development of premix composition for Tajikistan	Draft of the Standard of the Republic of Kazakhstan (developed by KAN)
<i>B₁₂</i>	<i>0,005-0,007</i>	<i>0,002-0,006</i>
<i>B₉ (including background)</i>	<i>0,9-1,0</i>	<i>0,7-1,9</i>
<i>B₁ (including background)</i>	<i>2,5-3,5</i>	<i>1,5-4,1</i>
<i>B₂ (including background)</i>	<i>3,0-4,0</i>	<i>2,0-5,2</i>
<i>B₃ (including background)</i>	<i>17,0-22,0</i>	<i>11,0-29,0</i>
<i>Iron weight ratio (including background): NaFeEDTA</i>	<i>20,0-30,0</i>	<i>16,0-32,0</i>
<i>Zinc weight ratio (including background)</i>	<i>30,0-40,0</i>	<i>26,0-50,0</i>
<i>Iron identification test</i>	<i>positive</i>	<i>positive</i>

** In fortified flour is allowed a light smell of vitamins and additives;*

Note- Moisture content in fortified flour intended for long-term storage shall be no more than 14,5 %.

Nutrient	Daily intake of micronutrients in fortified wheat flour by groups of population in countries, in % RNI/day
	Tajikistan
Vitamin B-3 (niacin)	from 14% to 19%
Vitamin B-1 (thiamin)	from 30% to 39%
Vitamin B-2 (riboflavin)	from 56% to 70%
Vitamin B-12	from 35% to 50%
Vitamin B-9 (folate)	from 86% to 123%
Zinc	from 95% to 169%

**Projected period of the standard approval in the
Republic of Tajikistan:**

Draft is under consideration in Tajikistandzhart Agency

till September 15, 2016



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