

Technical regulation and standardization documents. Kyrgyz Republic

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Legal environment

- **Law of Kyrgyz Republic «On principles of technical regulation in the Kyrgyz Republic», 01.12.2004.**
- **Law of the Kyrgyz Republic dd. March 11, 2009 №78 «On baking flour fortification»**
- **Resolution of Government of KR dd. August 16, 2012 № 569 Technical regulation «On safety of fortified flour»**

List of standards ensuring the implementation of Technical Regulation of KR “On safety of fortified flour”

- 26 interstate standards
- 3 national standards:
 - KMS 918: 2004 «Wheat baking flour fortified with vitamin-mineral or mineral additives»,
 - KMS 990:2011 «General purpose wheat flour»
 - KMS 1248:2013 «Premixes for wheat flour fortification. General specification»
- Developers: Technical Committee for Standardization 02 «Food products, agricultural products and their derivatives», National Standardization Technical Committee 09 «Grain and its products. Bread and bakery products»
- 4 National Standards of Russian Federation adopted as national standards

Comparison of draft of National Standard with the Standard proposed by KAN

National premix:		Proposed option		
KMS 918:2004 «Wheat baking flour fortified with vitamin-mineral or mineral additives»		Flour of... extraction	high	low
Iron (NaFeEDTA)	15,0	Iron (NaFeEDTA)	15,0	15,0
Zinc (zinc oxide)	30,0	Zinc (zinc oxide)	30,0	30,0
Vitamin B ₉ (folic acid)	1,0	Vitamin B ₉ (folic acid)	1,0	1,0
Vitamin B ₁ (thiamin)	2,0	Vitamin B ₁ (thiamin)	2,0	-
Vitamin B ₂ (riboflavin)	3,0	Vitamin B ₂ (riboflavin)	3,0	-
Vitamin B ₃ (niacin)	10,0	Vitamin B ₃ (niacin)	10	-
Flour is divided into: semolina, highest grade, first grade, second grade and whole-meal flour		Vitamin B12	0,008	0,008
		Flour of high and low extraction		

Problems

In order to harmonize standards for food fortification we need to adopt a monitoring system at the state level:

- Premix production (supply);
- Test methods to verify compliance with regulations;
- What document confirms the premix composition and what authority shall confirm it?

Thank you!