

DEPARTMENT OF HEALTH

NO. 7091

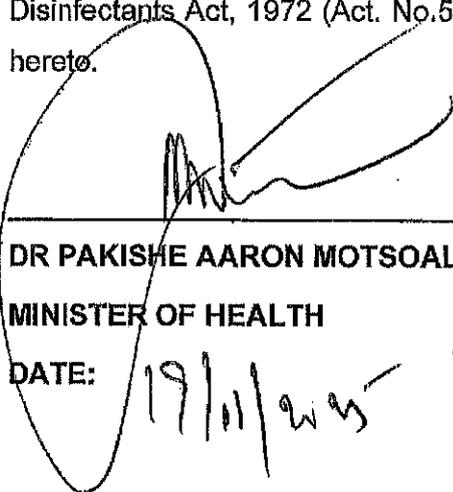
6 February 2026

FOODSTUFFS, COSMETICS AND DISINFECTANTS ACT, 1972

(ACT No. 54 OF 1972)

REGULATIONS RELATING TO MAXIMUM LEVELS OF MYCOTOXINS IN  
FOODSTUFFS

The Minister of Health has, under section 15 (1) of the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act. No.54 of 1972), made the Regulations in the Schedule hereto.



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DR PAKISHE AARON MOTSOLEDI, MP

MINISTER OF HEALTH

DATE: 19/01/2025

## SCHEDULE

### Definitions

1. In these Regulations, any word or expression to which a meaning has been assigned in the Act shall have that meaning and unless the context indicates otherwise: -

“**bran**” means a product obtained from the milling of wheat or maize consisting mainly of the outer layers of the kernel;

“**ergot sclerotia**” means the sclerotia of the fungus *Claviceps purpurea*;

“**further processing**” means intended to undergo an additional processing or treatment that has been proven to reduce levels of mycotoxins before being used as an ingredient in foodstuffs, otherwise processed or offered for human consumption;

“**Maximum Level (ML)**” means the maximum concentration of a substance permitted in the foodstuff;

“**ready-to-eat**” means food that may not undergo an additional processing or treatment to reduce levels of mycotoxins before being used as an ingredient in foodstuffs, otherwise processed or offered for human consumption; and

“**the Act**” means the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act No. 54 of 1972).

### Contaminated food

2. (1) For the purpose of section 2 (1)(b)(i) of the Act, foodstuff listed in column II of the Table of the Annexure is deemed to be contaminated, impure, or is deemed to be harmful or injurious to human health, when it contains the mycotoxin in column I in amounts exceeding the corresponding level in column IV when measured using accredited analytical method.

(2) A person may not sell a foodstuff with levels that exceed the maximum level of mycotoxins prescribed by these Regulations unless stipulated otherwise in other relevant national regulations.

(3) The foodstuffs listed in column II of the Annexure include foodstuff as defined in the relevant Codex Standards and or other applicable national Regulations unless otherwise specified.

### **Sampling and Analysis**

3. (1) The sampling and analytical methods must be in accordance with the methods specified in the latest:

- (a) Codex Recommended Methods of Analysis and Sampling CXS 234-1999; and
- (b) Codex General Standard for Contaminants and Toxins in Food and Feed CXS 193-1995.

(2) Other sampling methods and other internationally ratified analytical methods may be used as alternative or complementary methods, provided that their implementation provides an equivalent level of public health protection.

### **Repeal of laws**

4. Regulations governing tolerances for fungus-produced toxins in foodstuffs published under Government notice No. R. 1145 of 8 October 2004; Regulations governing tolerances for fungus-produced toxins in foodstuffs published under Government notice R.751 of 17 July 2009, and Regulations governing tolerances for fungus-produced toxins in foodstuffs amendment published under Government notice No. 987 of 05 September 2016, are hereby repealed.

### **Commencement**

5. These Regulations come into operation 24 months after the date of publication of notice.

**Short title**

6. These Regulations are called Regulations Relating to the Maximum Levels of Mycotoxins in Foodstuffs, 2025.

## ANNEXURE

Table 1: Maximum Levels of Mycotoxins in Foodstuffs

Mycotoxins	Foodstuff	Notes/Remarks	ML: (µg/kg or µg/L)
I	II	III	IV
Aflatoxins, Total (B1+B2+G1+G2)	Almonds (whole commodity)	Ready-to-eat	10
	Almonds (whole commodity)	Intended for further processing	15
	Brazil nuts (shelled)	Ready-to-eat	10
	Brazil nuts (shelled)	Intended for further processing	15
	Hazelnuts (whole commodity)	Ready-to-eat	10
	Hazelnuts (whole commodity)	Intended for further processing	15
	Peanuts	Intended for further processing	15
	Pistachios (whole commodity)	Ready-to-eat	10
	Pistachios (whole commodity)	Intended for further processing	15
	Dried figs (whole commodity)	Ready-to-eat	10
	All other foodstuffs	Ready-to-eat	10
		Affatoxin B1 should not exceed 5µg/kg	
	Maize grain	Destined for further processing	15
	Flour, meal, semolina and flakes derived from maize	Excludes bran	10
	Husked rice (whole commodity)		20
	Polished rice (whole commodity)		5
	Sorghum grain (whole commodity)	Destined for further processing	10
	Cereal-based food for infants and young children	Whole commodity as sold; not reconstituted or otherwise prepared for consumption	5
Chilli pepper, nutmeg (dried/dry)	Whole/Powder/Crushed/Grind	20	

Mycotoxins	Foodstuff	Notes/Remarks	ML: (µg/kg or µg/L)
I	II	III	IV
Aflatoxin M1	Milk		0.5
Deoxynivalenol (DON)	Cereal-based foods for infants and young children	As sold; not reconstituted or otherwise prepared for consumption	200
	Flour, meal, semolina and flakes derived from wheat, maize or barley	Excludes bran	1 000
	Cereal grains (wheat, maize and barley)	Destined for further processing	2 000
Fumonisin (B1+B2)	Raw maize grain (whole commodity)	Destined for further processing	4 000
	Maize flour and maize meal		2 000
Ochratoxin A	Wheat (whole commodity)	The ML applies to raw common Wheat, raw durum wheat, raw spelt and raw emmer	5
		Destined for further processing	
	Raw Barley	The ML applies to raw barley	5
	Raw Rye	The ML applies to raw rye	5
	Chilli pepper, paprika, nutmeg (dried/dry)	Whole/Powder/Crushed/ Ground	20
Patulin	Apple juice	<ul style="list-style-type: none"> <li>Whole commodity (not concentrated) or commodity reconstituted to the original juice concentration</li> <li>The ML applies also to apple juice used as an ingredient in other beverages.</li> </ul>	50
	Pear Juice	<ul style="list-style-type: none"> <li>Whole commodity (not concentrated) or</li> </ul>	50

Mycotoxins	Foodstuff	Notes/Remarks	ML: (µg/kg or µg/L)
I	II	III	IV
		commodity reconstituted to the original juice concentration • The ML applies also to pear juice used as an ingredient in other beverages.	
Ergot sclerotia	Wheat, rye, barley and oats	Whole Commodity	0.05% (m/m)
	Durum Wheat		0.5% (m/m)

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**TSEBISO YA MMUSO**

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**LEFAPHA LA BOPHELO BO BOTLE**

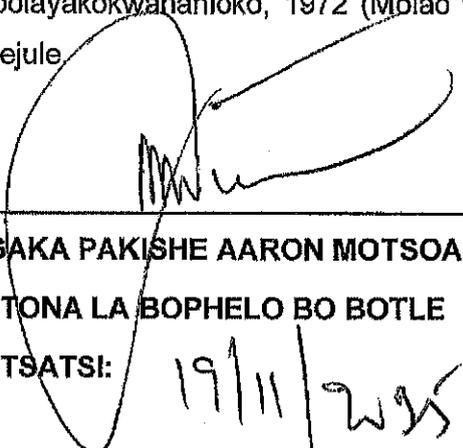
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**MOLAO WA DIJO, DITLOLO LE DIBOLAYAKOKWANAHLOKO, 1972**

**(MOLAO WA 54 WA 1972)**

**MELAWANA E AMANANG LE DITEKANYO TSE HODIMO TSA DI-MYCOTOXINS  
DIJONG**

Letona la Bophelo bo Botle, tlasa karolo ya 15 (1) ya Molao wa Dijo, Ditlolo le Dibolayakokwanahloko, 1972 (Molao wa 54 wa 1972), le entse Melawana ka hara Shejule



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**NGAKA PAKISHE AARON MOTSOLEDI, MP**

**LETONA LA BOPHELO BO BOTLE**

**LETSATSI:**

19/11/2025

## SHEJULE

### Ditlhaloso

1. Melawaneng ena, lentswe kapa polelo efe kapa efe e fuweng moelelo Molaong e tla ba le moelelo oo, ntle le haeba moelelo o bolela ho hong: -

"**bran**" e hlalosa sehlahiswa se fumanwang ka ho silwa ha koro kapa poone e nang le boholo ba makgapetla a ka ntle a tihaka;

"**ergot sclerotia**" e hlalosa *sclerotia* ya *fungus* ya *Claviceps purpurea*;

"**tshebetso e tswelang pele**" e hlalosa e reretsweng ho etswa tshebetso e eketsehileng kapa kalafo e netefaditsweng ho fokotsa ditekanyo tsa di-*mycotoxins* pele di sebediswa jwalo ka motswako dijong, ka tsela e nngwe e sebeditsweng kapa e fanwang bakeng sa ho jewa ke batho;

"**Tekanyo e Hodimo (ML)**" e hlalosa tekanyo e hodimo ya sesebediswa se dumelletsweng dijong;

"**tse lokiseditsweng ho jewa**" e hlalosa dijo tse ke keng tsa etswa tshebetso e eketsehileng kapa kalafo ho fokotsa ditekanyo tsa di-*mycotoxins* pele di sebediswa jwalo ka motswako dijong, ka tsela e nngwe e sebeditsweng kapa e fanwang bakeng sa ho jewa ke batho; mme

"**Molao**" e hlalosa Molao wa Dijo, Ditlole le Dibolayakokwanahloko, 1972 (Molao wa 54 wa 1972).

### Dijo tse silafetseng

2. (1) Bakeng sa morero wa karolo ya 2 (1)(b)(i) ya Molao, dijo tse ngotsweng kholomong ya II ya Lenane la Sehlomathiso di nkuwa di silafetse, di sa hlweka, kapa di nkuwa di le kotsi kapa di ka lematsa maphelo a batho, ha di na le *mycotoxin* kholomong ya I ka ditekanyetso tse fetang tekanyo e dumellanang kholomong ya IV ha e lekannngwa ho sebediswa mokgwa o netefaditsweng wa ho hlahloba.

(2) Motho a ke ke a rekisa dijo tse nang le ditekanyo tse fetang tekanyo e hodimo ya di-*mycotoxins* e laetsweng ke Melawana ena ntle le ha ho hlalositse ka tsela e nngwe melawaneng e meng e amehang ya naha.

(3) Dijo tse ngotsweng kholomong ya II ya Sehlomathiso di kenyelletsa dijo jwalo ka ha di hlalositse Maemong a *Codex* a amehang le kapa Melawana e meng e sebetsang ya naha ntle le ha ho totobaditswe ka tsela e nngwe.

### **Disampole le Tlhahlobo**

3. (1) Mekgwa ya disampole le tlhahlobo e tlameha ho tsamaellana le mekgwa e totobaditsweng ho:

- (a) Mekgwa e Kgothaleditsweng ya *Codex* ya Tlhahlobo le Disampole CXS 234-1999; le
- (b) Maemo a Kakaretso a *Codex* bakeng sa Ditshilafalo le Tjhefo Dijong CXS 193-1995.

(2) Mekgwa e meng ya disampole le mekgwa e meng ya tlhahlobo e amohetsweng matjhabatjhabeng e ka sebediswa e le mekgwa e meng kapa ya flatsetso, ha feela ho kenngwa tshebetsong ha yona ho nehelana ka tekanyo e lekanang ya tshireletso ya bophelo bo botle ba setjhaba.

### **Ho fediswa ha melao**

4. Melawana e laolang mamello bakeng sa tjhefo e hlahiswang ke *fungus* dijong e phatlaladitsweng tlasa tsebiso ya Mmuso ya Palo ya R. 1145 ya 8 Mphalane 2004; Melawana e laolang mamello bakeng sa tjhefo e hlahiswang ke *fungus* dijong e phatlaladitsweng tlasa tsebiso ya Mmuso ya R.751 ya 17 Phupu 2009, le phetolo ya Melawana e laolang mamello bakeng sa tjhefo e hlahiswang ke *fungus* dijong e phatlaladitsweng tlasa tsebiso ya Mmuso ya Palo ya 987 ya 05 Loetse 2016, e fedisitswe.

### **Qaleho**

5. Melawana ena e qafa ho sebetsa dikgwedi tse 24 ka mora letsatsi la phatlalatso ya tsebiso.

**Sehlooho se kgutshwane**

6. Melawana ena e bitswa Melawana e Amanang le Ditekanyo tse Hodimo tsa Di-*Mycotoxins* Dijong, 2025.

## SEHLOMATHISO

Lenane la 1: Ditekanyo tse Hodimo tsa Di-*Mycotoxins* Dijong

Di- <i>Mycotoxins</i>	Dijo	Dintlha/Ditshwaelo	ML: ( $\mu\text{g}/\text{kg}$ kapa $\mu\text{g}/\text{L}$ )
	I	II	III
			IV
Aflatoxins, Kakaretso (B1+B2+G1+G2)	Almonds (sehlahiswa se felletseng)	Di loketse ho jewa	10
	Almonds (sehlahiswa se felletseng)	Di reretswe tshebetso e tswelang pele	15
	Brazil nuts (tse nang le lekgapetla)	Di loketse ho jewa	10
	Brazil nuts (tse nang le lekgapetla)	Di reretswe tshebetso e tswelang pele	15
	Hazelnuts (sehlahiswa se felletseng)	Di loketse ho jewa	10
	Hazelnuts (sehlahiswa se felletseng)	Di reretswe tshebetso e tswelang pele	15
	Matokomane	Di reretswe tshebetso e tswelang pele	15
	Pistachios (sehlahiswa se felletseng)	Di loketse ho jewa	10
	Pistachios (sehlahiswa se felletseng)	Di reretswe tshebetso e tswelang pele	15
	Dried figs (sehlahiswa se felletseng)	Di loketse ho jewa	10
	Dijo tse dling kaofela	Di loketse ho jewa Aflatoxin B1 ha ya lokela ho feta $5\mu\text{g}/\text{kg}$	10
	Mabele a poone	A reretswe tshebetso e tswelang pele	15
	Folouru, phofo, <i>semolina</i> le di- <i>flake</i> tse tswang pooneng	Ha e kenyeletse bran	10
	Husked rice (sehlahiswa se felletseng)		20
	Polished rice (sehlahiswa se felletseng)		5
	Thollo ya mabele (sehlahiswa se felletseng)	E reretswe tshebetso e tswelang pele	10
	Dijo tse entsweng ka dijothollo bakeng sa masea le bana ba banyenyane	Sehlahiswa se felletseng jwalo ka ha se rekisitswe; se sa tswakwang kapa se lokiseditsweng ho jewa ka tsela e nngwe	5

Di-Mycotoxins	Dijo	Dintlha/Ditshwaelo	ML: (µg/kg kapa µg/L)
	II	III	IV
	<i>Chilli pepper, nutmeg (e omisitsweng/e ommeng)</i>	E fellelseng/Poere/E thubilweng/E sitsweng	20
<i>Aflatoxin M1</i>	Lebese		0.5
<i>Deoxynivalenol (DON)</i>	Dijo tse entsweng ka dijohollo bakeng sa masea le bana ba banyenyane	Jwalo ka ha di rekisitswe; tse sa tswakwang kapa tse lokiseditsweng ho jewa ka tsele e nngwe	200
	Folouru, phofo, <i>semolina</i> le di-flake tse tswang korong, poone kapa harese	Ha e kenyeletse bran	1 000
	Dijo-thollo (koro, poone le harese)	Di reretswe tshebetso e tswelang pele	2 000
<i>Fumoninsins (B1+B2)</i>	Dithollo tsa poone e tala (sehlahiswa se fellelseng)	Di reretswe tshebetso e tswelang pele	4 000
	Folouru ya poone le phofo ya poone		2 000
<i>Ochratoxins A</i>	Koro (sehlahiswa se fellelseng)	ML e sebetsa ho Koro e tala e tswaelehileng, koro e tala ya <i>durum, spelt</i> e tala le <i>emmer</i> e tala. E reretswe tshebetso e tswelang pele	5
	Harese e Tala	ML e sebetsa ho harese e tala	5
	Rye e Tala	ML e sebetsa ho rye e tala	5
	<i>Chilli pepper, paprika, nutmeg (e omisitsweng/e ommeng)</i>	E fellelseng/Poere/E thubilweng/E sitsweng	20
	Lero la Morara	<ul style="list-style-type: none"> <li>• Sehlahiswa se fellelseng (se sa tswakwang) kapa sehlahiswa se tswakwang ho motswako wa mantlha wa lero</li> <li>• ML e sebetsa hape ho lero la morara le sebediswang e le motswako wa dino tse ding.</li> </ul>	2
<i>Patulin</i>	Lero la Apole	<ul style="list-style-type: none"> <li>• Sehlahiswa se fellelseng (se sa tswakwang) kapa sehlahiswa se tswakwang ho motswako wa mantlha wa lero</li> </ul>	50

Di-Mycotoxins	DiJo	Dintlha/Ditshwaelo	ML: ( $\mu\text{g}/\text{kg}$ kapa $\mu\text{g}/\text{L}$ )
I	II	III	IV
		<ul style="list-style-type: none"> <li>ML e sebetsa hape ho lero la apole le sebediswang e le motswako wa dino tse ding.</li> </ul>	
	Lero la Pere	<ul style="list-style-type: none"> <li>Sehlahiswa se felletseng (se sa tswakwang) kapa sehlahiswa se tswakwang ho motswako wa mantlha wa lero</li> <li>ML e sebetsa hape ho lero la pere le sebediswang e le motswako wa dino tse ding.</li> </ul>	50
<i>Ergot sclerotia</i>	Koro, rye, harese le habore	Sehlahiswa se Felletseng	0.05% (m/m)
	Koro ya Durum		0.5% (m/m)