



TEST CERTIFICATE

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Certificate Number: TCHC2004338-1 Final

Lab Ref.:

CHC2497960

ALS Czech Republic, s.r.o
Na Harfe 336/9
190 00 Praha 9
Czech Republic

Date Analysis Started:

28/08/2025

Country of Origin:

Czech Republic

Date Reported:

01/09/2025

Commodity: Sorghum

Sample Details: Description: FP2528998-005 Slzovková mouka
Order No: FP2528998/001-005
Received Date: 26/08/2025
Start Testing Date: 28/08/2025
Product: None
Sample Date: 19/08/2025 10:53

No residues exceeding the reporting limit were detected for substances with established MRLs.
Other substances, if detected, are listed on the table below.

The residues found is compliant when assessed against EU MRLs.

Note: Default uncertainty of $\pm 50\%$ should be applied when interpreting these data, according to SANTE/11312/2021v2. Our validation data supports SANTE's prerequisite for using this default value.

01/09/25 14:10

By Hannah Garvin, Contaminants Lab Manager

For and on Behalf of ALS Laboratories (UK) Limited

Disclaimers:

MRL = Maximum Residue Level for Sorghum

Rec. = Recovery efficiency of analytical method. The results on this certificate have not been corrected for recovery efficiency unless stated.

Recoveries were performed on a selection of compounds representative of the pesticide classes analysed in this test.

LOQ = Limit of Quantification/Determination

The testing results in this certificate relate only to the samples described above.

Unless otherwise stated, all results are expressed on an as received basis.

Statement of conformity made against the result does not take into account the uncertainty of measurement associated to the method.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

* Indicates a test which is not included in the UKAS accreditation schedule of this laboratory.

Chemistry Samples will be retained for a period of 14 calendar days from the date reported unless otherwise agreed in writing with the Laboratory.

Only flagged items will be indicated as such.



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Test	Result	Units	MRL	Flag	Test	Result	Units	MRL	Flag
GCMS/MS Pesticide Screen (AM/R/1003)					GCMS/MS Pesticide Screen (AM/R/1003)				
1,4-dimethylnaphthalene	<0.01	mg / kg	0.05	-	Acephate.	<0.01	mg / kg	0.01	*
Acetochlor	<0.01	mg / kg	0.01	-	Acibenzolar-S-methyl	<0.01	mg / kg	0.01	-
Aclonifen	<0.01	mg / kg	0.01	*	Acrinathrin.	<0.01	mg / kg	0.01	-
Alachlor	<0.01	mg / kg	0.01	-	Allethrin.	<0.01	mg / kg	-	*
Ametryn	<0.01	mg / kg	-	-	Anthraquinone	<0.01	mg / kg	0.01	-
Atraton	<0.01	mg / kg	-	-	Atrazine.	<0.01	mg / kg	0.05	-
Azaconazole.	<0.01	mg / kg	-	-	Azinphos ethyl.	<0.01	mg / kg	0.05	*
Azinphos methyl.	<0.01	mg / kg	0.01	-	Azoxystrobin.	<0.01	mg / kg	10	-
Benalaxyl.	<0.01	mg / kg	0.01	-	Benfluralin	<0.01	mg / kg	0.02	-
Bentazone (Parent only)	<0.01	mg / kg	0.1	*	Bifenox	<0.01	mg / kg	0.01	-
Bifenthrin.	<0.01	mg / kg	0.01	-	Biphenyl	<0.01	mg / kg	0.01	-
Bitertanol.	<0.01	mg / kg	0.01	-	Boscalid.	<0.01	mg / kg	0.15	*
Bromocyclen	<0.01	mg / kg	-	-	Bromophos	<0.01	mg / kg	-	-
Bromophos-ethyl	<0.01	mg / kg	0.01	-	Bromopropylate	<0.01	mg / kg	0.01	-
Bromuconazole.	<0.01	mg / kg	0.01	-	Bupirimate.	<0.01	mg / kg	0.01	-
Buprofezin.	<0.01	mg / kg	0.01	-	Butafenacil	<0.01	mg / kg	-	*
Butralin	<0.01	mg / kg	0.01	-	Cadusaphos	<0.01	mg / kg	0.01	-
Carbophenothion	<0.01	mg / kg	-	-	Chlorfenvinphos	<0.01	mg / kg	0.01	-
Chinomethionate	<0.01	mg / kg	-	-	cis Chlordane	<0.01	mg / kg	-	-
trans Chlordane	<0.01	mg / kg	-	-	Chlordane (sum of cis & trans isomers)	<0.01	mg / kg	-	-
Chlordecone	<0.01	mg / kg	0.01	*	Chlorfenapyr	<0.01	mg / kg	0.02	*
Chlorfenson	<0.01	mg / kg	0.01	-	Chlormephos	<0.01	mg / kg	-	-
Chlorobenzilate	<0.01	mg / kg	0.02	-	Chloroneb	<0.01	mg / kg	-	-
Chloropropylate	<0.01	mg / kg	-	-	Chlorothalonil	<0.01	mg / kg	0.01	*
Chlorpropham	<0.01	mg / kg	0.01	-	Chlorpyrifos.	<0.01	mg / kg	0.01	-
Chlorpyrifos methyl	<0.01	mg / kg	0.01	-	Chlorthal-dimethyl	<0.01	mg / kg	0.01	-
Chlorthion	<0.01	mg / kg	-	-	Chlozolate	<0.01	mg / kg	0.01	-
Climbazole	<0.01	mg / kg	-	-	Clodinafop-propargyl	<0.01	mg / kg	0.02	*
Cloquintocet-mexyl	<0.01	mg / kg	-	-	Crimidine	<0.01	mg / kg	-	-
Cyanazine.	<0.01	mg / kg	-	*	Cyanofenphos	<0.01	mg / kg	-	-
Cyanophos	<0.01	mg / kg	-	-	Cyfluthrin (sum of isomers)	<0.01	mg / kg	0.01	-
Lambda Cyhalothrin	<0.01	mg / kg	0.01	-	Cypermethrin(sum of isomers).	<0.01	mg / kg	0.3	-
Cyproconazole.	<0.01	mg / kg	0.1	-	Cyprodinil.	<0.01	mg / kg	0.02	-
o,p'-DDD	<0.01	mg / kg	-	-	p,p'-DDD	<0.01	mg / kg	-	-
o,p'-DDE	<0.01	mg / kg	-	-	p,p'-DDE	<0.01	mg / kg	-	-
o,p'-DDT	<0.01	mg / kg	-	-	p,p'-DDT	<0.01	mg / kg	-	-
DDT (sum of pp'-DDE,pp'-DDD,op'-DDT & pp'-DDT expressed as DDT)	<0.01	mg / kg	0.05	-	Deltamethrin.	<0.01	mg / kg	2	-
Desmetryn.	<0.01	mg / kg	-	-	Diallate	<0.01	mg / kg	0.01	-
Diazinon.	<0.01	mg / kg	0.01	-	Dichlobenil	<0.01	mg / kg	0.01	-
Dichlofenthion	<0.01	mg / kg	-	-	Dichlorvos.	<0.01	mg / kg	0.01	-
Diclobutrazol.	<0.01	mg / kg	-	-	Diclofop-methyl	<0.01	mg / kg	0.02	-
Dicloran	<0.01	mg / kg	0.02	-	Dicofol	<0.01	mg / kg	0.02	-
Dicrotophos.	<0.01	mg / kg	-	-	Aldrin	<0.01	mg / kg	-	-
Dieldrin	<0.01	mg / kg	-	-	Sum of Aldrin and Dieldrin (expressed as Dieldrin)	<0.01	mg / kg	0.01	-
Difenoconazole.	<0.01	mg / kg	0.05	*	Dimethomorph.	<0.01	mg / kg	0.01	-
Dioxabenzofos	<0.01	mg / kg	-	-	Diphenylamine	<0.01	mg / kg	0.05	*
Dipropetryn	<0.01	mg / kg	-	-	Ditalimfos	<0.01	mg / kg	-	*
Edifenphos	<0.01	mg / kg	-	-	Endosulfan - Alpha	<0.01	mg / kg	-	-
Endosulfan - Beta	<0.01	mg / kg	-	-	Endosulfan sulphate	<0.01	mg / kg	-	-
Endosulfan (sum of alpha and beta isomers and endosulfan sulphate)	<0.01	mg / kg	0.05	-	Endrin	<0.01	mg / kg	0.01	-
EPN	<0.01	mg / kg	-	-	EPTC	<0.01	mg / kg	0.01	-
Etaconazole	<0.01	mg / kg	-	-	Ethion.	<0.01	mg / kg	0.01	*
Ethofumesate(parent only).	<0.01	mg / kg	0.03	-	Ethoprophos.	<0.01	mg / kg	0.01	-
Etoxazole	<0.01	mg / kg	0.01	-	Etridiazole	<0.01	mg / kg	0.01	-
Etrinfos	<0.01	mg / kg	-	-	Flamprop-isopropyl	<0.01	mg / kg	-	-
Famphur	<0.01	mg / kg	-	-	Fenarimol.	<0.01	mg / kg	0.02	-
Fenchlorphos	<0.01	mg / kg	-	-	Fenchlorphos oxon	<0.01	mg / kg	-	-
Fenchlorphos (sum of Fenchlorphos & Fenchlorphos oxon)	<0.01	mg / kg	0.01	-	Fenitrothion	<0.01	mg / kg	0.05	-
Fenpiclonil	<0.01	mg / kg	-	-	Fenpropathrin	<0.01	mg / kg	0.01	-
Fenpropimorph.	<0.01	mg / kg	0.01	-	Fenson	<0.01	mg / kg	-	-
Fensulfotion.	<0.01	mg / kg	-	*	Fenthion (parent only)	<0.01	mg / kg	0.01	-
Fenvalerate (sum of isomers)	<0.01	mg / kg	0.02	-	Fipronil (Parent only)	<0.005	mg / kg	0.005	*
Fluazifop-p-butyl (parent only)	<0.01	mg / kg	0.01	-	Fluchloralin	<0.01	mg / kg	-	*
Flucythrinate (sum of isomers).	<0.01	mg / kg	0.01	-	Fludioxonil.	<0.01	mg / kg	0.01	-
Flumetralin	<0.01	mg / kg	0.01	*	Flumioxazine	<0.01	mg / kg	0.02	*
Fluopyram.	<0.01	mg / kg	4	*	Flurprimidole.	<0.01	mg / kg	0.02	-
Flusilazole.	<0.01	mg / kg	0.01	-	Fluthiacet-methyl	<0.01	mg / kg	-	*
Flutolanil.	<0.01	mg / kg	0.01	-	Flutriafol.	<0.01	mg / kg	1.5	-
tau-Fluvalinate	<0.01	mg / kg	0.01	-	Fluxapyroxad	<0.01	mg / kg	0.8	*
Fonofos	<0.01	mg / kg	-	-	Furalaxyl.	<0.01	mg / kg	-	-
Furathiocarb.	<0.01	mg / kg	-	-	Hexachlorobenzene	<0.01	mg / kg	0.01	-
Hexachlorocyclohexane - alpha	<0.01	mg / kg	0.01	-	Hexachlorocyclohexane - beta	<0.01	mg / kg	0.01	-
Hexachlorocyclohexane - delta	<0.01	mg / kg	-	-	Hexachlorocyclohexane - gamma	<0.01	mg / kg	0.01	-
Heptachlor	<0.01	mg / kg	-	-	trans Heptachlor epoxide	<0.01	mg / kg	-	-
cis Heptachlor epoxide	<0.01	mg / kg	-	-	Heptachlor (sum of heptachlor & heptachlor epoxide expressed as heptachlor)	<0.01	mg / kg	0.01	-



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Test	Result	Units	MRL	Flag	Test	Result	Units	MRL	Flag
Heptenophos	<0.01	mg / kg	-	-	Hexaconazole.	<0.01	mg / kg	0.01	-
Imazail.	<0.01	mg / kg	0.01	-	Iodofenphos	<0.01	mg / kg	-	-
Iprodione	<0.01	mg / kg	0.01	-	Isazophos	<0.01	mg / kg	-	-
Isobenzan	<0.01	mg / kg	-	-	Isodrin	<0.01	mg / kg	-	-
Isofenphos	<0.01	mg / kg	-	-	Isoprocab.	<0.01	mg / kg	0.01	-
Isoxadifen-ethyl	<0.01	mg / kg	-	-	Isoxathion	<0.01	mg / kg	-	-
Kresoxim methyl	<0.01	mg / kg	0.01	-	Leptophos	<0.01	mg / kg	-	-
Malaoxon.	<0.01	mg / kg	-	-	Malathion.	<0.01	mg / kg	-	-
Sum of malathion and malaoxon (expressed as malathion).	<0.01	mg / kg	8	-	MCPA-thioethyl	<0.01	mg / kg	-	-
Mecarbam.	<0.01	mg / kg	0.01	*	Mefenapyr-diethyl	<0.01	mg / kg	-	-
Mepanipyrim.	<0.01	mg / kg	0.01	-	Metalaxyl and metalaxyl-M (sum of isomers).	<0.01	mg / kg	0.01	-
Metazachlor (Parent only).	<0.01	mg / kg	0.02	-	Metconazole.	<0.01	mg / kg	0.02	-
Methacrifos.	<0.01	mg / kg	0.01	-	Methamidophos.	<0.01	mg / kg	0.01	-
Methidathion.	<0.01	mg / kg	0.2	-	Methoxychlor	<0.01	mg / kg	0.01	-
Metrafenone.	<0.01	mg / kg	0.01	*	Metribuzin.	<0.01	mg / kg	0.1	-
Mevinphos.	<0.01	mg / kg	0.01	-	Mirex	<0.01	mg / kg	-	-
Monocrotophos.	<0.01	mg / kg	0.02	-	Myclobutanil.	<0.01	mg / kg	0.01	-
Napropamide.	<0.01	mg / kg	0.01	-	Nitralin	<0.01	mg / kg	-	*
Nitrofen	<0.01	mg / kg	0.01	-	Nitrothal-isopropyl	<0.01	mg / kg	-	-
Nuarimol	<0.01	mg / kg	-	-	Ofurace	<0.01	mg / kg	-	-
Omethoate.	<0.01	mg / kg	0.01	-	Oxadixyl.	<0.01	mg / kg	0.01	-
Oxyfluorfen	<0.01	mg / kg	0.01	-	Paclobutrazol.	<0.01	mg / kg	0.01	-
Parathion Ethyl	<0.01	mg / kg	0.05	-	Parathion Methyl	<0.01	mg / kg	0.02	-
Pebulate	<0.01	mg / kg	-	-	Penconazole.	<0.01	mg / kg	0.01	-
Pendimethalin.	<0.01	mg / kg	0.05	-	Pentachloroanisole	<0.01	mg / kg	-	-
Pentachlorobenzene	<0.01	mg / kg	-	-	Pentachlorophenol	<0.01	mg / kg	-	-
Permethrin (sum of isomers).	<0.01	mg / kg	0.05	-	Perthan (1,1-dichloro-2,2-bis(4-ethylphenyl)ethane)	<0.01	mg / kg	-	-
Phenothrin.	<0.01	mg / kg	0.05	-	Phenthoate.	<0.01	mg / kg	-	-
Phosalone.	<0.01	mg / kg	0.01	*	Phosfolan.	<0.01	mg / kg	-	-
Phosmet (parent only).	<0.005	mg / kg	0.01	-	Phosphamidon.	<0.01	mg / kg	0.01	-
Piperonyl-butoxide	<0.01	mg / kg	-	-	Pirimicarb.	<0.01	mg / kg	0.05	-
Pirimiphos ethyl	<0.01	mg / kg	-	-	Pirimiphos methyl	<0.01	mg / kg	5	-
Procymidone	<0.01	mg / kg	0.01	-	Profenofos.	<0.01	mg / kg	0.01	-
Profluralin	<0.01	mg / kg	-	*	Prometryn.	<0.01	mg / kg	-	-
Propachlor	<0.01	mg / kg	0.02	-	Propargite.	<0.01	mg / kg	0.01	-
Propazine.	<0.01	mg / kg	-	-	Propetamphos.	<0.01	mg / kg	-	-
Propham.	<0.01	mg / kg	0.01	-	Propiconazole.	<0.01	mg / kg	0.01	-
Propyzamide.	<0.01	mg / kg	0.01	-	Prothiofos	<0.01	mg / kg	-	-
Pyrazophos	<0.01	mg / kg	0.01	-	Pyridaphenthion	<0.01	mg / kg	-	*
Pyrimethanil.	<0.01	mg / kg	0.05	-	Quinalphos.	<0.01	mg / kg	0.01	*
Pentachloroaniline	<0.01	mg / kg	-	-	Quintozene	<0.01	mg / kg	-	-
Quintozene (sum of quintozene & pentachloroaniline expressed as quintozene)	<0.01	mg / kg	0.02	-	Resmethrin.	<0.01	mg / kg	0.02	-
Silafluofen	<0.01	mg / kg	-	-	Simazine.	<0.01	mg / kg	0.01	-
Sulfotep	<0.01	mg / kg	-	-	Sulprofos	<0.01	mg / kg	-	-
Tetrachlorvinphos	<0.01	mg / kg	-	-	Tebuconazole.	<0.01	mg / kg	0.02	-
Tecnazene	<0.01	mg / kg	0.01	-	Tefluthrin	<0.01	mg / kg	0.02	-
Terbacil	<0.01	mg / kg	-	-	Terbufos (parent only)	<0.01	mg / kg	0.01	-
Terbumeton	<0.01	mg / kg	-	-	Terbuthylazine.	<0.01	mg / kg	0.02	-
Terbutryn.	<0.01	mg / kg	-	-	Tetradifon	<0.01	mg / kg	0.01	-
Tetramethrin.	<0.01	mg / kg	-	-	Tetrasul	<0.01	mg / kg	-	-
Thiabendazole.	<0.01	mg / kg	0.01	-	Thiometon	<0.01	mg / kg	-	*
Tolclofos methyl	<0.01	mg / kg	0.01	-	Transfluthin	<0.01	mg / kg	-	-
Triadimefon.	<0.01	mg / kg	0.01	-	Triadimenol.	<0.01	mg / kg	0.01	-
Tri-allate	<0.01	mg / kg	0.1	-	Triazamate	<0.01	mg / kg	-	-
Triazophos.	<0.01	mg / kg	0.02	*	Trichloronate	<0.01	mg / kg	-	-
Trietazine.	<0.01	mg / kg	-	-	Trifloxystrobin.	<0.01	mg / kg	0.01	-
Trifluralin	<0.01	mg / kg	0.01	-	Triticonazole.	<0.01	mg / kg	0.01	*
Vinclozolin (parent compound only)	<0.01	mg / kg	0.01	*	Zoxamide.	<0.01	mg / kg	0.01	-

Following compounds failed its QC requirements and hence not reported.