

RELATÓRIO DE ENSAIO/ANALYSIS REPORT Nº: 3132.2023- V.0

LABORATÓRIO DE ANÁLISE DE RESÍDUOS DE AGROTÓXICOS E CONTAMINANTES - LabTox

Requester

**Cliente / Customer:** Josapar Joaquim Oliveira SA Participações  
**Proposta / Code:** 18.2023.V0  
**Endereço / Address:** Rua Ana Barreto,490 Jardim Jordao - Jaboatao dos Guararapes/PE **Zip code:** 54315050

INFORMAÇÕES DA AMOSTRA / SAMPLE INFORMATION

**Descrição Amostra / Sample Description:** R722 - Amostra de Feijão Preto - Tipo 1 - Fab: 20MAR23 - Val: 20FEV24 - Lot: 20FEV24 06  
**Data do recebimento / Date of receipt:** 03/23/2023 10:27 AM  
**Data de conclusão / Date of conclusion:** 03/27/2023 11:10 AM  
**Quantidade de Amostra / Sample Quantity:** 1kg

ANÁLISE DE RESÍDUOS DE AGROTÓXICOS E OUTROS CONTAMINANTES  
PESTICIDES RESIDUES AND OTHER CONTAMINANTS ANALYSIS

Composto / Compound	Resultado / Result (mg/kg)
<b>Métodos Específicos/Single Methods</b>	
Glufosinate Ammonium Salt	-
Glyphosate	-
<b>Método Multirresíduos/Multiresidues Method</b>	
Procymidone	0.106

OBSERVAÇÕES / COMMENTS

- 1 - Verificar a definição de resíduos de agrotóxicos "sum" em / Check definition of pesticide residues (sum) in: <https://www.gov.br/anvisa/pt-br/setorregulado/regularizacao/agrotoxicos/monografias/monografias-excluidas-por-letrae/and> <https://ec.europa.eu/food/plant/pesticides/eu-pesticides-database/mrls/?event=search.pr>
- 2 - Os compostos analisados e seus respectivos Limites de Quantificação (LQ) estão listados no Anexo I/Compounds analyzed and Limits of Quantification (LQ) in Annex I;
- 3 - Metodologia/Methodology: LC-MS/MS; GC-MS/MS; GC-ECD/ECD;
- 4 - Referência/Reference: Documentos do Sistema da Qualidade do LabTox// Documents of LabTox Quality Management System;
- 5 - Escopo de acreditação / Accredited scope in: <http://www.inmetro.gov.br/laboratorios/rble/docs/CRL0153.pdf> e/and <https://www.gov.br/agricultura/pt-br/assuntos/laboratorios/credenciamento-e-laboratorios-credenciados/obter-credenciamento/documentos-rede-na-cional-de-laboratorios-agropecuarios/ModeloparaPginaRCAITEP24.08.17.pdf>
- 6 - Os resultados se aplicam apenas a amostra analisada/ Results refer only to the investigated sample;
- 7 - Reprodução parcial deste Relatório apenas com permissão; Copy of this report can only take place with permission;
- 8 - As análises são realizadas nas instalações permanentes do LabTox / Analyses are performed in the facilities of the LabTox.



Adélia Cristina Pessoa de Araújo  
Gerente do LabTox CRF 02.028 - PE /



Verification Code: 0014500000096000173960202300000

Access Link of verification report: <https://itep.ultralims.com.br/validacao>

**ANEXO I / ANNEX I**

**COMPOUNDS ANALYZED IN THE SAMPLE AND LIMITS OF QUANTIFICATION (mg/kg)**

**Métodos Específicos/Single Methods**

Glufosinate Ammonium Salt(0.050); Glyphosate(0.050);

**Método Multirresíduos/Multiresidues Method**

1-(3,4-Dichlorophenyl)-urea(0.010); 1-naphthalene acetamid(0.010); 2,4-D(0.100); 2,6-Dichlorobenzamide(0.010); 3,4,5-Trimethacarb(0.010); Abamectin(0.005); Acephate(0.010); Acephate (Acephate + Methamidophos)(0.010); Acetamidrid(0.010); Acetochlor(0.010); Acibenzolar-S-methyl(0.010); Aclonifen(0.010); Acrinathrin(0.100); Alachlor(0.010); Aldicarb(0.010); Aldicarb (sum)(0.010); Aldicarb sulfone(0.010); Aldicarb sulfoxide(0.010); Aldrin(0.010); Allethrin (Bioalletrín)(0.100); Alloxymid(0.010); Ametryn(0.010); Amidosulfuron(0.010); Aminocarb(0.010); Aminopyralid(0.010); Anilazine(0.010); Aspon (Pihlstrom)(0.010); Asulam(0.010); Atrazine(0.010); Atrazine desethyl(0.010); Atrazine desisopropyl(0.010); Azaconazole(0.010); Azadirachtin A(0.010); Azamethiophos(0.010); Azinphos ethyl(0.010); Azinphos methyl(0.010); Azoxystrobin(0.010); Benalaxyl(0.010); Bendiocarb(0.010); Bensulfuron methyl(0.010); Bentazone(0.010); BenthiaivalicarB isopropyl(0.010); Benzovindiflupyr(0.010); Benzoximate(0.010); Bifenazate(0.010); Bifenthrin(0.010); Bioresmethrin(0.010); Bitertanol(0.010); Boscalid(0.010); Bromacil(0.010); Bromophos ethyl(0.010); Bromophos methyl(0.010); Bromopropylate(0.010); Bromuconazole(0.010); BTS 44595(0.010); BTS 44596(0.010); Bupirimate(0.010); Buprofezin(0.010); Butachlor(0.010); Butocarboxim(0.010); Butocarboxim (sum)(0.010); Butocarboxim sulfoxide(0.010); Butylate(0.010); Cadusafos(0.010); Carbaryl(0.010); Carbendazim(0.005); Carbetamide(0.010); Carbofuran(0.010); Carbofuran (sum)(0.010); Carbofuran-3-hydroxy(0.010); Carbophenothion(0.010); Carbosulfan(0.010); Carbosulfan (sum)(0.010); Carboxin(0.010); Carfentrazone ethyl(0.010); Carpropamid(0.010); Chinomethionate(0.010); Chlorantraniliprole(0.010); Chlorbromuron(0.010); Chlordane (sum)(0.010); Chlordane alfa(0.010); Chlordane gama(0.010); Chlordimeform(0.010); Chlorfenapyr(0.010); Chlorfenvinphos(0.010); Chlorfluazuron(0.010); Chloridazon(0.010); Chlorimuron ethyl(0.010); Chlorothalonil(0.010); Chloroxuron(0.010); Chlorpropham(0.010); Chlorpyrifos(0.010); Chlorpyrifos methyl(0.010); Chlorsulfuron(0.010); Chlorthiamid(0.010); Chlorthiophos(0.010); Chlortoluron(0.010); Cinosulfuron(0.010); Clethodim(0.010); Clodinafop-propargyl(0.010); Clofentezine(0.010); Clomazone(0.010); Clopyralid(0.100); Cloransulam-methyl(0.010); Clothianidin(0.010); Coumaphos(0.010); Cumyruron(0.010); Cyanazine(0.010); Cyanofenphos(0.010); Cyanophos(0.010); Cyantraniliprole(0.010); Cyazofamid(0.010); Cycloate(0.010); Cycloxydin(0.010); Cyflufenamid(0.010); Cyflutrin (1,2,3,4)(0.010); Cyhexatin(0.010); Cymoxanil(0.010); Cypermethrin (1,2,3,4)(0.010); Cyproconazole(0.010); Cyprodinil(0.010); Cyromazine(0.010); Daimuron(0.010); Daminozide(0.010); Dazomet(0.100); DDD-o,p'(0.010); DDD- p,p'(0.010); DDE-o,p'(0.010); DDE-p,p'(0.010); DDT (sum)(0.010); DDT-o,p'(0.010); DDT-p,p'(0.010); DEET(0.010); Deltamethrin(0.010); Demeton-S-methyl(0.010); Demeton-S-methyl (sum)(0.010); Demeton-S-methyl sulfone(0.010); Demeton-S-methyl sulfoxide(0.010); Desmedipham(0.010); Desmetryn(0.010); Diafenthiuron(0.010); Dialifos(0.010); Diazinon(0.010); Dichlofention(0.010); Dichlofluanid(0.010); Dichlorvos(0.010); Diclofop methyl(0.010); Dicloran(0.010); Dicrotophos(0.010); Dieldrin(0.010); Diethofencarb(0.010); Difenconazole (1,2)(0.010); Difenoxuron(0.010); Diflubenzuron(0.010); Diflufenican(0.010); Dimefuron(0.010); Dimethachlon(0.010); Dimethenamid(0.010); Dimethoate(0.010); Dimethoate (sum)(0.010); Dimethomorph(0.010); Dimoxystrobin(0.010); Diniconazole(0.010); Dinitramine(0.010); Dinoseb(0.010); Dinotefuran(0.010); Dioxacarb(0.010); Dioxathion(0.010); Disulfoton (sum)(0.010); Disulfoton sulfoxide(0.010); Disulfoton-sulfone(0.010); Diuron(0.010); DMSA(0.010); DMST(0.010); DNOC(0.010); Dodemorph(0.010); Dodine(0.010); Doramectin(0.010); Edifenphos(0.010); Emeactin(0.010); Endosulfan (sum)(0.010); Endosulfan alfa(0.010); Endosulfan beta(0.010); Endosulfan sulfate(0.010); Endrin(0.010); EPN(0.010); Epoxiconazole(0.010); Eprinomectin(0.010); EPTC(0.010); Esfenvalerate(0.010); Esprocarb(0.010); Etaconazole(0.010); Ethidimuron(0.010); Ethiofencarb(0.010); Ethiofencarb (sum)(0.010); Ethiofencarb sulfone(0.010); Ethiofencarb sulfoxide(0.010); Ethion(0.010); Ethiprole(0.010); Ethirimol(0.010); Ethofumesate(0.010); Ethoprophos(0.010); Ethoxyquin(0.100); Ethoxysulfuron(0.010); Etobenzamid(0.010); Etofenprox(0.010); Etoxazole(0.010); Etrimfos(0.010); Famoxadone(0.010); Fenamidone(0.010); Fenamiphos(0.010); Fenamiphos (sum)(0.010); Fenamiphos sulfone(0.010); Fenamiphos sulfoxide(0.010); Fenarimol(0.010); Fenazaquin(0.010); Fenbuconazole(0.010); Fenbutatin oxide(0.010); Fenchlorphos(0.010); Fenchlorphos (sum)(0.010); Fenchlorphos oxon(0.010); Fenhexamid(0.010); Fenitrothion(0.010); Fenobucarb(0.010); Fenoprop(0.100); Fenoxaprop-P-ethyl(0.010); Fenoxycarb(0.010); Fenpiclonil(0.010); Fenpropathrin(0.010); Fenpropidin(0.010); Fenpropimorph(0.010); Fenpyroximat(0.010); Fensulfothion(0.010); Fensulfothion (sum)(0.010); Fensulfothion oxon(0.010); Fenthion(0.010); Fenthion (sum)(0.010); Fenthion oxon(0.010); Fenthion oxonsulfone(0.010); Fenthion oxonsulfoxide(0.010); Fenthion sulfone(0.010); Fenthion-sulfoxide(0.010); Fentin(0.100); Fenuron(0.010); Fenvarelate(0.010); Fipronil(0.010); Flamprop-isopropyl(0.010); Flamprop-methyl(0.010); Flazasulfuron(0.010); Flonicamid(0.010); Florypyrauxifen benzyl(0.010); Fluazifop-P(0.010); Fluazifop-P (sum)(0.010); Fluazifop-P-butyl(0.010); Fluazinam(0.010); Flubendiamide(0.010); Flucythrinate(0.010); Fludioxonil(0.010); Flufenacet(0.010); Flufenoxuron(0.010); Flumetralin(0.010); Flumetsulam(0.010); Flumioxazin(0.010); Fluomethuron(0.010); Fluopicolide(0.010); Fluopyram(0.010); Fluoroglycofen ethyl(0.010); Fluoxastrobil(0.010); Flupyradifurone(0.010); Fluquinconazole(0.010); Fluroxypyr(0.010); Fluroxypyr (sum)(0.010); Fluroxypyr

meptyl ester(0.010); Flusilazole(0.010); Flusulfamide(0.010); Fluthiacet methyl(0.010); Flutolanil(0.010); Flutriafol(0.010); Fluvalinate(0.010); Fluxapyroxade(0.010); Fomesafen(0.010); Fonofos(0.010); Foramsulfuron(0.010); Forchlorfenuron(0.010); Formetanate hidróchloride(0.010); Fosthiazate(0.010); Fuberidazole(0.010); Furalaxyl(0.010); Furathiocarb(0.010); Halofenozide(0.010); Halosulfuron methyl(0.010); Haloxyfop(0.010); Haloxyfop (sum)(0.010); Haloxyfop-R-methyl(0.010); HCB (Hexachlorobenzene)(0.010); HCH, alpha(0.010); HCH, beta(0.010); HCH, delta(0.010); Heptachlor(0.010); Heptachlor (sum)(0.010); Heptachlor epoxide(0.010); Heptenophos(0.010); Hexaconazole(0.010); Hexaflumuron(0.010); Hexazinone(0.010); Hexythiazox(0.010); Imazalil(0.010); Imazamox(0.010); Imazapic(0.010); Imazapyr(0.010); Imazaquin(0.010); Imazethapyr (BfR)(0.010); Imazosulfuron(0.010); Imibenconazole(0.010); Imidacloprid(0.010); Indaziflam(0.010); Indoxacarb(0.010); Ioxynil (BfR)(0.010); Iprodione(0.010); Iprovalicarb(0.010); Isazophos(0.010); Isocarbamid(0.010); Isocarbophos(0.010); Isufenphos(0.010); Isoprocab(0.010); Isoprothiolone(0.010); Isoproturon(0.010); Isoprazam(0.010); Isoxaflutole(0.010); Isoxathion(0.010); Ivermectin(0.010); Karbutilate(0.010); Kresoxim methyl(0.010); Lactofen(0.010); Lambda cyalothrin(0.010); Leptophos(0.010); Lindane (HCH, gama)(0.010); Linuron(0.010); Lufenuron(0.010); Malaoxon(0.010); Malathion(0.010); Malathion (sum )(0.010); Mandipropamid(0.010); MCPA(0.010); Mecarbam(0.010); Mefenacet(0.010); Mepanipyrim(0.010); Mephosfolan(0.010); Mepronil(0.010); Mesosulfuron-methyl(0.010); Mesotrione(0.010); Metaflumizone(0.010); Metalaxyl(0.010); Metamiton(0.010); Metconazole(0.010); Methabenzthiazuron(0.010); Methacrifos(0.100); Methamidophos(0.010); Methfuroxam(0.010); Methidathion(0.010); Methiocarb(0.100); Methiocarb (sum)(0.100); Methiocarb sulfone(0.100); Methiocarb sulfoxide(0.010); Methomyl(0.010); Methoprotetryne(0.010); Methoxyfenozide(0.010); Metobromuron(0.010); Metolachlor(0.010); Metosulam(0.010); Metoxuron(0.010); Metrafenone(0.010); Metribuzin(0.010); Metsulfuron methyl(0.010); Mevinphos (cis and trans)(0.010); Mirex(0.010); Molinate(0.010); Monocrotophos(0.010); Monolinuron(0.010); Monuron(0.010); Moxidectin(0.010); Myclobutanil(0.010); Naled(0.010); Napropamide(0.010); Neburon(0.010); Nicosulfuron(0.010); Nitenpyram(0.010); Norflurazon(0.010); Novaluron(0.010); Noviflumuron(0.010); Nuairimol(0.010); Ofurace(0.010); Omethoate(0.010); Oxadixyl(0.010); Oxamyl(0.010); Oxamyl oxime(0.010); Oxasulfuron(0.010); Oxathiapiprolin(0.010); Oxyacarb(0.010); Oxydemeton-methyl (sum)(0.010); Oxyfluorfen(0.010); Paclobutrazol(0.010); Paraoxon-methyl(0.010); Parathion(0.010); Parathion-methyl(0.100); Parathion-methyl (sum)(0.100); Penconazole(0.010); Pencycuron(0.010); Pendimethalin(0.010); Penthiopyrad(0.010); Permethrin (cis and trans)(0.010); Phemedipham(0.010); Phenthoate(0.010); Phorate(0.010); Phorate (sum)(0.010); Phorate sulfone(0.010); Phorate sulfoxide(0.010); Phosalone(0.010); Phosmet(0.010); Phosphamidon(0.010); Phospholan(0.010); Phoxim(0.010); Picoxystrobin(0.010); Piperonyl butoxide(0.010); Pirimicarb(0.010); Pirimiphos-ethyl(0.010); Pirimiphos-methyl(0.010); Prallethrin(0.010); Prochloraz (sum)(0.010); Prochloraz(0.010); Procymidone(0.010); Profenofos(0.010); Profoxydim P1(0.010); Promecarb(0.100); Prometon(0.010); Prometryn(0.010); Propachlor(0.010); Propamocarb(0.010); Propanil(0.010); Propargite(0.010); Propazine(0.010); propetamphos(0.010); Propiconazole(0.010); Propoxur(0.010); Propyzamide-Pronamide(0.010); Proquinazid(0.010); Prosulfuron(0.010); Prothioconazole(0.010); Prothiofos(0.010); Pymetrozine(0.010); Pyraclostrobin(0.010); Pyrazophos(0.010); Pyrazosulfuron ethyl(0.010); Pyridaben(0.010); Pyridaphenthion(0.100); Pyridate(0.010); Pyrifenoxy(0.010); Pyrimethanil(0.010); Pyriproxifen(0.010); Quinalphos(0.010); Quinmerac(0.010); Quinoclamine(0.010); Quinoxifen(0.010); Quintozene(0.010); Quizalofop (sum)(0.010); Quizalofop-ethyl(0.010); Quizalofop-p-tefuryl(0.010); Resmethrin(0.010); Rimsulfuron(0.010); Rotenone(0.010); Saflufenacil(0.010); Sebuthylazin(0.010); Sedaxane(0.010); Siduron(0.010); Simazine(0.010); Simetryn(0.010); Spinetoram ( J, L)(0.010); Spinosad (A, D)(0.010); Spirodiclofen(0.010); Spiromesifem(0.010); Spirotetramat(0.010); Spiroxamine(0.010); Sulfentrazone(0.010); Sulfloxaflo(0.010); Sulfluramid(0.010); Sulfometuron-methyl(0.010); Sulfosulfuron(0.010); Sulfotep(0.010); Sulprofos(0.010); Tebuconazole(0.010); Tebufenozide(0.010); Tebufenpyrad(0.010); Tebutam(0.010); Tebuthiuron(0.010); Teflubenzuron(0.010); Temephos(0.010); Tepaloxym(0.010); Terbufos(0.010); Terbufos (sum)(0.010); Terbufos-sulfone(0.010); Terbufos-sulfoxide(0.010); Terbumeton(0.010); Terbutylazine(0.010); Terbutryn(0.010); Tetrachlorvinphos(0.010); Tetraconazole(0.010); Tetradifon(0.050); Tetramethrin(0.010); Thiabendazole(0.010); Thiacloprid(0.010); Thiamethoxam(0.010); Thidiazuron(0.010); Thifensulfuron methyl(0.010); Thiobencarb(0.010); Thiodicarb(0.010); Thiofanox(0.010); Thiofanox (sum)(0.010); Thiofanox sulfone(0.010); Thiofanox sulfoxide(0.010); Thiophanate methyl(0.010); Tolclofos methyl(0.010); Tolyfluanid(0.010); Triadimefon(0.010); Triadimenol(0.010); Triasulfuron(0.010); Triazophos(0.010); Trichlorfon(0.010); Tricyclazole(0.010); Tridemorph(0.010); Trifloxystrobin(0.010); Trifloxysulfuron(0.010); Triflumizole(0.010); Triflumizole (sum)(0.010); Triflumizole Metabolite FM-6-1(0.010); Triflururon(0.010); Trifluralin(0.010); Triflurosulfuron-methyl(0.010); Triforine(0.010); Trinexapac ethyl(0.010); Triticonazole(0.010); Uniconazole(0.010); Vamidothion(0.010); Vinclozolin(0.010); Zoxamide(0.010);