

MAYACERT/ADITI Organic Certifications Pvt Ltd

No.38, 1st floor, 20th main road, 1st block,  
Near Rajajinagar Metro station, Bengaluru -  
560010

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## ANALYTICAL REPORT

Sample code :EKA2-2023-03-000044

Sample Name: Organic Turmeric Powder

Sample quantity: 536 g

Sample Appearance: Yellow colour powder

Condition on receipt: Good

Sample packing: Sealed Polythene Pack

Environmental Condition: Temp : 29°C RH : 28%

Customer provided details: Lot Quantity : 3000 kgs |

Lot No : 0000036844 | Shipper Exporter : Aditi

Organic Certifications Pvt. Ltd

Received On: 01/03/2023

Analysed between: 01/03/2023 to 03/03/2023

Sampling Details: Sampled By Eureka

Sampling Procedure: EKA-GEN-SOP-05

Sampling date: 22/02/2023

Sampling Location: Pithampur (M.P)

Job File Reference: EKA-2023-216-41

Seal No: 157259

### Test Results

Sr.No.	Test Code	Test Parameter	Test Method	Result	Unit	LOQ
<b>HEAVY METALS</b>						
1	E1I125	Lead as Pb	EKA-CHE-SOP-43	BLQ	mg/kg	1.0
<b>PESTICIDE</b>						
1	E1RI153	Cyhalothrin-lambda	EKA-CHE-SOP-28	BLQ	mg/kg	0.01
2	E1RI224	Dithiocarbamates (as CS <sub>2</sub> )	EKA-CHE-SOP-34	BLQ	mg/kg	0.01
3	E1RI351	Glufosinate-ammonium	EKA-CHE-SOP-35	BLQ	mg/kg	0.01
4	E1RI355	Glyphosate	EKA-CHE-SOP-35	BLQ	mg/kg	0.01
5	E1RI722	Ethylene Oxide (sum of ethylene oxide and 2-chloro-ethanol expressed as ethylene oxide)	EKA-CHE-SOP-53 by GC-MS	BLQ	mg/kg	0.01
6	E1RI217	Diquat	EKA-CHE-SOP-28	BLQ	mg/kg	0.01
7	E1RI344	Fosetyl-Al	EKA-CHE-SOP-33	BLQ	mg/kg	0.01
8	-	Organo Phosphate Pesticide	EKA-CHE-SOP-28	BLQ	mg/kg	-
9	-	Organo Chlorine Pesticide	EKA-CHE-SOP-28	BLQ	mg/kg	-
10	E1NI2961	Phosphonic acid	EKA-CHE-SOP-33	BLQ	mg/kg	0.01
11	-	Paraquat	EKA-CHE-SOP-28	BLQ	mg/kg	0.01
<b>SUDAN DYES</b>						
1	-	Sudan I	EKA-CHE-SOP-59	BLQ	mg/kg	0.01
2	-	Sudan II	EKA-CHE-SOP-59	BLQ	mg/kg	0.01
3	-	Sudan III	EKA-CHE-SOP-59	BLQ	mg/kg	0.01

**Eureka Analytical Services Pvt Ltd,**

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TC-9108

Report code: TR-23-EKA2-005472-01

Report Date : 03/03/2023

ULR no.: TC910823000005448F

4	-	Sudan IV	EKA-CHE-SOP-59	BLQ	mg/kg	0.01
5	-	Sum of sudan (I, II, III, IV)	EKA-CHE-SOP-59	BLQ	mg/kg	0.01

## PESTICIDE

## Test Results

Sr.No.	Test Parameter	Test Method	Result	Unit
1	All analysed pesticides	EKA-CHE-SOP-28 (By GC-MSMS & LC-MSMS)	BLQ	mg/kg

### List of molecules analysed by LC-MSMS & GC-MSMS (LOQ-mg/kg)

1-Naphthylacetic acid (sum, 1-Naphthylacetamide and 1-naphthylacetamide) (0.01)	2,4-D (0.01)	Acrinathrin (0.01)	Aminopyralid (0.01)
Acephate (0.01)	Acetamiprid (0.01)	Afidopyropen (0.01)	Alachlor (0.01)
Ametoctradin (0.01)	Azadirachtin (0.01)	Azoxystrobin (0.01)	Benalaxyl (Including Benalaxyl-M) (0.01)
Bendiocarb (0.01)	Bifenazate (Sum, Bifenazate and Bifenazate-diazene) (0.01)	Bitertanol (0.01)	Boscalid (0.01)
Buprofezin (buprofexin) (0.01)	Butachlor (0.01)	Carbaryl (0.01)	Carbendazim (sum of benomyl and carbendazim) (0.01)
Carbofuran (sum, Carbofuran, carbosulfan, benfuracarb, furathiocarb and 3-OH carbofuran) (0.01)	Carboxin (0.01)	Cartap Hydrochloride (0.01)	Chlorantraniliprole (0.01)
Chlorfluazuron (0.01)	Chlorothalonil (0.01)	Chlorpropham (0.01)	Clofentezine (0.01)
Clothianidin (0.01)	Cyantraniliprole (0.01)	Cyazofamid (0.01)	Cyflumetofen (0.01)
Cymoxanil (0.01)	Dazomet (0.01)	Diafenthiuron (0.01)	Diazinon (0.01)
Difenoconazole (0.01)	Diflubenzuron (0.01)	Dimethoate (0.01)	Dimethomorph (0.01)
Dinotefuran (0.01)	Dithianon (0.01)	Diuron (0.01)	Dodine (0.01)
Edifenphos (0.01)	Emamectin (Emamectin benzoate) (0.01)	Ethion (0.01)	Ethiprole (0.01)
Famoxadone (0.01)	Fenhexamid (0.01)	Fenazaquin (0.01)	Fenobucarb (0.01)
Fenpyroximate (0.01)	Fenthion (Sum, Fenthion, Fenthion sulfone, Fenthion sulfoxide) (0.01)	Flonicamid (Sum, Flonicamid, TFNA and TFNG) (0.01)	Fluazifop (0.01)
Flubendiamide (0.01)	Flufenoxuron (0.01)	Flufenzine (0.01)	Fluopicolide (0.01)
Fluopyram (0.01)	Flupyradifurone (0.01)	Flusilazole (0.01)	Fluxapyroxad (0.01)
Forchlorfenuron (CPPU) (0.01)	Hexaconazole (0.01)	Hexythiazox (0.01)	Imidacloprid (0.01)
Indoxacarb (0.01)	Iodosulfuron-methyl (0.01)	Iprovalicarb (0.01)	Isoproturon (0.01)
Linuron (0.01)	Lufenuron (0.01)	Malathion (sum, malathion and malaaxon) (0.01)	Mandipropamid (0.01)
Metalaxyl (including Metalaxyl-M) (0.01)	Methamidophos (0.01)	Methomyl (0.01)	Metolachlor (Including S-Metolachlor) (0.01)
Monocrotophos (0.01)	Myclobutanil (0.01)	Novaluron (0.01)	Omethoate (Dimethoate oxygen analog) (0.01)
Oxycarboxin (Carboxin sulfone) (0.01)	Oxydemeton-methyl (sum, oxydemeton-methyl and demeton-S-methylsulfone) (0.01)	Paclobutrazol (0.01)	Penconazole (0.01)
Pencycuron (0.01)	Phorate (sum, Phorate, Phorate sulfone and Phorate sulfoxide) (0.01)	Phosphamidon (0.01)	Picoxystrobin (0.01)
Pirimiphos-methyl (0.01)	Propamocarb (0.01)	Propanil (0.01)	Propargite (0.01)

Propiconazole (0.01)	Pymetrozine (0.01)	Pyraclostrobin (0.01)	Pyriproxyfen (0.01)
Simazine (0.01)	Spinetoram (0.01)	Spinosad (Sum of Spinosyn A and Spinosyn D) (0.01)	Spirotetramat (sum, Spirotetramat, Spirotetramat metabolite BYI08330-enol, Spirotetramat-mono-hydroxy) (0.01)
Sulfoxaflor (sum of isomers) (0.01)	Tebuconazole (0.01)	Temephos (0.01)	Thiabendazole (0.01)
Thiacloprid (0.01)	Thiamethoxam (0.01)	Bentazone (0.01)	Thiodicarb (0.01)
Thiometon (0.01)	Thiophanate-methyl (0.01)	Tolfenpyrad (0.01)	Triazophos (0.01)
Trichlorfon (Dylox) (0.01)	Tricyclazole (0.01)	Trifloxystrobin (0.01)	Trifloxystrobin (0.01)
4-bromo-2-chlorophenol (Profenofos metabolite) (0.01)	4-Chloro-3-methylphenol (0.01)	Allethrin and Bioallethrin (0.01)	Atrazine (0.01)
Bifenthrin (0.01)	Captafol (0.01)	Captan (Sum, captan and THPI) (0.01)	Chlordane (Sum, Chlordane-cis and Chlordane-trans) (0.01)
Chlorfenapyr (0.01)	Chlorfenvinphos (0.01)	Chlorpyrifos (Chlorpyrifos ethyl) (0.01)	Chlorpyrifos methyl (0.01)
Cyfluthrin (0.01)	Cyhalothrin-lambda (0.01)	Cypermethrin (0.01)	DDT (sum, DDT-o,p, DDT-p,p, (TDE-p,p)DDD-p,p, DDD-p,p) (0.01)
Deltamethrin (0.01)	Dichlorvos (DDVP) (0.01)	Dicofol (Kelthane)(Sum, Dicofol-o,p, Dicofol-p,p) (0.01)	Dieldrin (Sum, Aldrin and Dieldrin) (0.01)
Endosulfan (Sum, Endosulfan-alpha, Endosulfan-beta and Endosulfan sulfate) (0.01)	Endrin (0.01)	Epoxiconazole (0.01)	Etofenprox (0.01)
Etoxazole (0.01)	Etrimfos (0.01)	Fenamidone (0.01)	Fenarimol (0.01)
Fenitrothion (0.01)	Fenpropathrin (0.01)	Fenvalerate (including esfenvalerate) (0.01)	Fipronil (Sum, Fipronil, Fipronil Sulfone) (0.005)
Flufenacet (0.01)	HCH-alpha (0.01)	HCH-beta (0.01)	HCH-gamma (Lindane) (0.01)
Heptachlor (0.01)	Heptachlor (sum, heptachlor and heptachlor epoxide) (0.01)	Heptachlor epoxide (0.01)	Iprobenfos (0.01)
Iprodione (0.01)	Isoprothiolane (0.01)	Kresoxim-methyl (0.01)	Metrafenone (0.01)
Metribuzin (0.01)	Oxadiazon (0.01)	Oxyfluorfen (0.01)	Parathion (Parathion ethyl) (0.01)
Parathion methyl (sum, Parathion methyl and paraoxon methyl) (0.01)	Pendimethalin (0.01)	Permethrin (sum of isomers) (0.01)	Phenthoate (0.01)
Phosalone (0.01)	Profenofos (0.01)	Propetamphos (0.01)	Propoxur (0.01)
Pyridaben (0.01)	Quinalphos (0.01)	Spirodiclofen (0.01)	Spiromesifen (0.01)
tau-Fluvalinate (0.01)	Tetraconazole (0.01)	Transfluthrin (0.01)	Triadimefon (0.01)
Triadimenol (0.01)	Trifluralin (0.01)	All Analysed Pesticides (0.01)	

LOQ: Limit of Quantification ,

BLQ: Below Limit of Quantification.

**Sample Remark /Conclusion:** The above analyzed sample is in accordance to the requirements of United States Departments of Agriculture National Organic Program (USDA NOP) in its currently valid version.

Note: Conclusion is provided with reference to tested analytes only.

