Guardian Healthcare Services Private Limited
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India
Ritik Ranjan

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Analytical Report

Account Code : A01914876DAE
Sample Reception Date : 19/10/2026
Start date : 21/10/2026
End Date : 26/10/2026

Report date : 26/10/2026
Sample Code : 260-2026-00034435

ULR : TC64002600012602

Customer Reference : GNC Magnesium PureGlycinate :-
Code/Batch/Lot No.: ZLMP021026
Mfg. Date: Oct.2026
Exp. Date: Sep.2028

SAMPLE NAME : GNC Magnesium PureGlycinate
SAMPLE QTY : 171g
SAMPLING : NOT SAMPLED BY EUROFINS
CONDITION ON RECEIPT : Good

SAMPLE PACKING : Trade Pack
DISCIPLINE : Biological and Chemical
GROUP : NUTRITIONAL SUPPLEMENTS

Pesticides

Test Parameter	Method Source	Results	Unit	FSSAI Limit	LOQ
KV3EG - Analysed Pesticide(s)	EASI-GGN-CHE-SOP-35	BLQ	mg/kg		0.005
KV5BX - Analysed Pesticide(s)	EASI-GGN-CHE-SOP-34	BLQ	mg/kg		0.005
KV5BY - Analysed Pesticide(s)	EASI-GGN-CHE-SOP-34	BLQ	mg/kg		0.005

Heavy Metals

Test Parameter	Method Source	Results	Unit	FSSAI Limit	LOQ
KV3IB - Arsenic (As)	EASI-GGN-CHE-SOP-30	0.036	mg/kg	Max. 1.1	0.01
KV3ID - Cadmium (Cd)	EASI-GGN-CHE-SOP-30	< 0.010	mg/kg	Max. 1.5	0.01
KV3H7 - Copper (Cu)	EASI-GGN-CHE-SOP-30	0.427	mg/kg	Max. 30	0.05
KV3IC - Lead (Pb)	EASI-GGN-CHE-SOP-30	0.066	mg/kg	Max. 2.5	0.01
KV3IE - Mercury (Hg)	EASI-GGN-CHE-SOP-30	< 0.010	mg/kg	Max. 1.0	0.01
KV3H2 - Tin (Sn)	EASI-GGN-CHE-SOP-30	0.072	mg/kg	Max. 250	0.05

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Microbiological					
Test Parameter	**Method Source**	**Results**	**Unit**	**FSSAI Limit**	**LOQ**
KV2YW - Aerobic Plate Count	ISO 4833-1:2013	< 10	cfu/g	1x10^4	10
KV34N - Salmonella	ISO 6579-1:2017	Absent	/25 g	Absent	
KV37A - Yeasts & Moulds	ISO 21527-2:2008	< 10	cfu/g	1X10^2	10
Pesticide Residues					
Test Parameter	**Method Source**	**Results**	**Unit**	**FSSAI Limit**	**LOQ**
KV3JZ - 1-naphthaleneacetic acid (NAA)	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3JU - 2,4-D (sumof2,4-D & its esters expressed as 2,4-D)	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV4ZE - Benfuracarb	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3KH - Cartrap Hydrochloride	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3K0 - Chlormequat	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
Copper Compounds SOP-30					
KV3F5 - Copper Hydroxide (Copper determined as elemental copper)	EASI-GGN-CHE-SOP-30	0.427	mg/kg		0.05
KV3F5 - Cuprous Oxide (Copper determined as elemental copper)	EASI-GGN-CHE-SOP-30	0.427	mg/kg		0.05
KV3F5 - Copper Sulphate (Copper determined as elemental copper	EASI-GGN-CHE-SOP-30	0.427	mg/kg		0.05
KV3F5 - Copper Oxychloride (Copper determined as elemental copper)	EASI-GGN-CHE-SOP-30	0.427	mg/kg		0.05
KV3Z9 - Cyantraniliprole	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3KG - Ethephon	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3KD - Fosetyl Al	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3K6 - Glufosinate Ammonium	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3K5 - Glyphosate	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3EF - Hydrogen cyanamide (Cyanamide including salts expressed as cyanamide)	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005

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Pesticide Residues					
Test Parameter	**Method Source**	**Results**	**Unit**	**FSSAI Limit**	**LOQ**
KV5CB - Kasugamycin	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3JR - MCPA (2-methyl-4-chlorophenoxyacetic acid)	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3KA - Mepiquat	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3KE - Paraquat	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV4ZL - Pirimiphos-methyl	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3KI - Thiocyclam hydrogen oxalate	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005
KV3KJ - Validamycin	EASI-GGN-CHE-SOP-34	< 0.005	mg/kg		0.005

List of analysed substances

KV3EG Dithiocarbamates (LOQ mg/kg)

Dithiocarbamates (Mancozeb, Maneb, Propineb, Metiram, Thiram, Zineb, Ferbam and Ziram collectively estimated as CS2) (0.005)	Ferbam (0.005)	Maneb (0.005)
Mancozeb (0.005)	Metiram (0.005)	Propineb (0.005)
Thiram (0.005)	Zineb (0.005)	Ziram (0.005)

KV5BX Pesticide Residue FSSAI LC-MS/MS (LOQ mg/kg)

Quizalofop ethyl (0.005)	Abamectin (0.005)	Acephate (expressed as mixture of Methamidophos and acephate). (0.005)
Atrazine (0.005)	Carbaryl (0.005)	Sum of benomyl and carbendazim expressed as carbendazim (0.005)
Cymoxanil (0.005)	Difenoconazole (0.005)	Dimethoate (0.005)
Diuron (0.005)	Flusilazole (0.005)	Hexaconazole (0.005)
Linuron (0.005)	Metalaxyl (0.005)	Methomyl (0.005)
Metolachlor (0.005)	Myclobutanil (0.005)	Oxadiazon (0.005)
Paclobutrazol (0.005)	Penconazole (0.005)	Permethrin (0.005)
Phorate (sum of Phorate, its oxygen analogue and their sulphoxides and sulphones, expressed as phorate) (0.005)	Phosalone (0.005)	Profenofos (0.005)
Propiconazole (0.005)	Quinalphos (0.005)	Thiometon(Residues determined as thiometon its sulfoxide and sulphone expressed as thiometon) (0.005)
Tri-allate (0.005)	Triazophos (0.005)	Trichlorfon (0.005)
Isoproturon (0.005)	Propargite (0.005)	Dimethomorph (sum of isomers) (0.005)
Tridemorph (0.005)	Thiodicarb (0.005)	Triasulfuron (0.005)
Imidacloprid (0.005)	Epoxyconazole (0.005)	Dithianon (0.005)
Hexythiazox (0.005)	Tetraconazole (0.005)	Fenpyroximate (0.005)
Chlorfluazuron (0.005)	Lufenuron (0.005)	Pretilachlor (0.005)

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KV5BX Pesticide Residue FSSAI LC-MS/MS (LOQ mg/kg)

Flufenacet (0.005)	Fomesafen (0.005)	Bensulfuron methyl (0.005)
Metsulfuron Methyl (0.005)	Pymetrozine (0.005)	Fenoxaprop-p-ethyl (0.005)
Azimsulfuron (0.005)	Prohexadione Calcium (0.005)	Picoxystrobin (0.005)
Thiacloprid (0.005)	Isoprothiolane (0.005)	Butachlor (0.005)
Imazamox (0.005)	Imazethapyr (0.005)	Methabenzthiazuron (0.005)
Bentazone (0.005)	Bitertanol (0.005)	Edifenphos (0.005)
Hexazinone (0.005)	Monocrotophos (0.005)	Diflubenzuron (0.005)
Dinocap (0.005)	Iprobenfos (Kitazin) (0.005)	Ethofenprox (Etofenprox) (0.005)
Fenazaquin (0.005)	Dodine (0.005)	Thiophanate-methyl (0.005)
Fenarimol (0.005)	Fluchloralin (0.005)	Metribuzin (0.005)
Tebuconazole (0.005)	Buprofezin (0.005)	Clodinafop-propargyl (0.005)
Etoxazole (0.005)	Pyriproxyfen (0.005)	Indoxacarb (sum, R+S isomers) (0.005)
Famoxadone (0.005)	Azoxystrobin (0.005)	Fluazifop-P-butyl (0.005)
Triadimefon (0.005)	Flonicamid (0.005)	Fluopicolide (0.005)
Forchlorfenuron (0.005)	Sulfentrazone and its metabolite Desmethylsulfentrazone and 3-Hydroxymethylsulfentrazone (0.005)	Chromafenozide (0.005)
Tolfenpyrad (0.005)	Ethion(Residues to be determined as ethion and its oxygen analogue and expressed as ethion) (0.005)	Pencycuron (0.005)
Flucetosulfuron (0.005)	Sodium Para Nitro Phenolate (0.005)	Emamectin benzoate (0.005)
Kresoxim Methyl (0.005)	Carbofuran (sum of carbofuran and 3-hydroxy carbofuran expressed as carbofuran) (0.005)	Trifloxystrobin (0.005)
Sulfoxaflor (0.005)	Spinetoram and its metabolites (Spinosyn-J and Spinosyn-L) (0.005)	Thifluzamide (0.005)
Sodium Aceflourofen (0.005)	Pyrithiolac Sodium (0.005)	Bispyribac Sodium (0.005)
Pinoxaden (0.005)	Fenobucarb (BPMC) (0.005)	Dinotefuran (0.005)
Halosulfuron methyl (0.005)	Oxadiargyl (0.005)	Carpropamid (0.005)
Diclosulam (0.005)	Penoxuslum (0.005)	Flubendiamide (0.005)
Topramezone (0.005)	Chlorimuron ethyl (0.005)	Pyrazosulfuron ethyl (0.005)
Spirotetramat (0.005)	Chlorantraniliprole (0.005)	Tembotrione (0.005)
Cinmethylene (0.005)	Quizalofop-P-tefuryl (0.005)	Fluopyram and its metabolites (0.005)
Cyazofamid (0.005)	Novaluron (0.005)	Metaflumizone (0.005)
Mandipropamid (0.005)	Oxydemeton-Methyl (0.005)	Milbemectin (0.005)
Ametroctradin (0.005)	Cyflumetofen (0.005)	Fluxapyroxad (0.005)
Flupyradifurone and its metabolites Difluroacetic Acid and Difluroethylamino-furanone (0.005)	Chlothianidin (Chlothianidin and its metabolites Thiazolymethylguanidine (TMG), Thiazolymethylurea (TZMU), Methylnitroguanidine (MNG) TMG) (0.005)	Ethoxysulfuron (0.005)
Iodosulfuron Methyl Sodium (0.005)	Sulfosulfuron (0.005)	Haloxyfop-R Methyl (0.005)
Propaquizafop (0.005)	Pyraclostrobin (0.005)	Diafenthiuron (0.005)

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KV5BX Pesticide Residue FSSAI LC-MS/MS (LOQ mg/kg)

Acetamiprid (0.005)	Fipronil (0.005)	Boscalid (0.005)
Metrafenone (0.005)	Pyridalyl (0.005)	Spiromesifen (0.005)
Tricyclazole (0.005)	Mesosulfuron Methyl (0.005)	Orthosulfamuron (0.005)
Dicofol (sum of o,p' and p,p' isomers)" (0.005)	Spinosad (0.005)	Thiamethoxam (0.005)
Carbendazim (0.005)		

KV5BY Pesticide Residues FSSAI GC-MS/MS (LOQ mg/kg)

Ametyrn (0.005)	Bifenthrin (0.005)	Captan (0.005)
Chlorothalonil (0.005)	Deltamethrin (Decamethrin) (0.005)	Dichlorvos (DDVP) (content of di- chloroacetaldehyde (D.C.A.) be reported where possible) (0.005)
Fenpropathrin (0.005)	Iprodione (0.005)	Pendimethalin (0.005)
Fluvalinate (0.005)	Trifluralin (0.005)	Diclofop (sum diclofop-methyl and diclofop acid expressed as (0.005)
Oxyfluorfen (0.005)	Carbosulfan (0.005)	Chlorfenapyr (0.005)
Carfentrazone Ethyl (0.005)	Alachlor (0.005)	Clomazone (0.005)
Phenthoate (0.005)	Propineb (0.005)	Chlorpropham (0.005)
Propanil (0.005)	Lambda cyhalothrin (0.005)	Fenvalerate (Fat soluble residue) (0.005)
Malathion (0.005)	Cyfluthrin (Total Isomers) (0.005)	Cypermethrin (sum of isomers) (Fat soluble residue) (0.005)
Chlorpyriphos (0.005)	Methyl Parathion (combined residues of methyl parathion and its oxygen analogue to be determined and expressed as methyl parathion) (0.005)	Anilophos (0.005)
Cyhalofop-butyl (0.005)	Alpha cypermethrin (0.005)	Fenamidone (0.005)

Sample Conclusion:

Heavy Metals & Microbiological: The results of analysed sample comply with requirements of Food Safety and Standards (Food Products Standards and Food Additives) and (Contaminants, toxins and Residues) Regulations, 2011, in its currently valid version, wherever such limits are applicable.

Remark: The conclusion is provided with respect to the tested analytes only.

Note (Pesticides): Tolerance limit of 0.01 mg/kg shall be applicable for which MRL have not been fixed as per FSSAI. Conditionally, this tolerance limit of 0.01 mg/kg shall not be applicable for thermally and chemically processed foods as per FSSAI.

Microbiological results are evaluated on the sample as received against the microbiological limit (m) prescribed under Appendix-B of the Food Safety and Standards (Food Products Standards and Food Additives) Regulations, 2011.

Abbreviations: BLQ- Below Limit of Quantification, LOQ- Limit of Quantification.

Note: Serving size of 3 Tablets (Weight - 4.650g)

Surjit Singh
Deputy Manager- Lab

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Rohit Tyagi

Team Lead-Microbiology

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SAMPLE NAME : GNC Magnesium PureGlycinate
SAMPLE QTY : 171g
SAMPLING : NOT SAMPLED BY EUROFINS
CONDITION ON RECEIPT : Good

SAMPLE PACKING : Trade Pack
DISCIPLINE : Biological and Chemical
GROUP : NUTRITIONAL SUPPLEMENTS

Serving-Based Results

Test Parameter	Method Source	Results	Unit	LOQ
KV5E1 - Magnesium (Mg)	EASI-GGN-CHE-SOP-30	526.968	mg/ Serving	

Minerals

Test Parameter	Method Source	Results	Unit	LOQ
KV3HB - Magnesium (Mg)	EASI-GGN-CHE-SOP-30	113,326.55	mg/kg	10

Sample Conclusion:

Heavy Metals & Microbiological: The results of analysed sample comply with requirements of Food Safety and Standards (Food Products Standards and Food Additives) and (Contaminants, toxins and Residues) Regulations, 2011, in its currently valid version, wherever such limits are applicable.

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Team Lead-Microbiology

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