





BLUEWEIGHT BIOSCIENCES PVT LTD

TECHNICAL DATA SHEET OF CYANO-L

Contact

Product Description

+91 8019504508 Info@blueweight.com

CYANO-L is a bioremediator and an extraordinary blend of multi strain. It controls blue green algae and stimulates DO in the pond.

Total Microbes Guaranteed Analysis: Min. 2 x 10⁹ CFU/ml

Brevibacillus parabrevis, Paracoccus versutus.

Purpose of use

- Improves water quality for aquatic species. •
- Reduces the blue green algae in the pond water which causes microcyst... •
- Controls the major three genera of cyanobacteria.
- Prevents over blooming, off odor and floating scum.
- Reduces toxicity in ponds. .

Dosage

Shrimp

Earthen ponds: Apply 10 liters per hectare weekly. Repeat the dose if necessary after 4-5 days.

Or as per the advice of an aquaculture consultant consultant.

Specifications

Trade Name	CYANO-L
Appearance	A light ruby colored liquid
рН	7-9
Odor	Characteristic putrefied smell
Pack	5 It, 20 It HDPE container
Shelf Life	12 months
Storage	Store in a cool & dry place with good ventilation. Avoid direct sunlight.

Application:

Take the recommended quantity of Cyano-L, dilute with 50 times of clean water. Mix well, aerate if possible for 2 hours and apply the recommended quantity all over the pond uniformly.

AQUACULTURE & ANIMAL USE ONLY. NOT FOR MEDICINAL/HUMAN USE.

Address 857, Tempalle, Gannavar am mandal, Viiavawada, AP. INDIA- 521286



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CERTIFICATION OF ANALYSIS

FINISHED PRODUCT (POWDERS)

Name of the product	: Cyano-L
Batch No.	: BW-CL6470
Batch Size	: 2000 liter
Mfg. Date	: January - 2023
Exp. Date	: September - 2023
Date of Sampled	: 03-01-2023
Date of Analysis	: 03-01-2023
Date of report	: 13-01-2023
Sample Quantity	: 1x5L
A.R.Number	: BW/PW/6470/2022-23

Test/Parameter	Method/Specification	Result			
DISCIPLINE: CHEMICAL					
Description	A light ruby colored liquid	Complies			
pН	7-9	7.28			
Weight per ml	NLT 0.9 g/ml	1.029 g/ml			
DISCIPLINE: BIOLOGICAL					
Escherichia <i>coli</i>	Characteristic growth should not be observed	Not Observed			
Staphylococcus aureus	Characteristic growth should not be observed	Not Observed			
Pseudomonas	Characteristic growth should not be observed	Not Observed			
Salmonella spp	Characteristic growth should not be observed	Not Observed			
Yeast & Mould count	Not more than 20 CFU/ml	02 CFU/ml			
Total Microbial Count	NLT 2 Billion CFU/ml	4 Billion CFU/ml			

Report: The Sample complies/does not comply with the above In-House specification.

Analysed by

Date:13-01-2023

ansi

Approved by Head of the Quality Control Date:17-10-2022



LAB REPORT

CULTURE IDENTIFICATION BY 16s rDNA SEQUENCING REPORT

DNA was isolated from the culture using alkaline lysis method. PCR was done with specific primers which amplify the bacterial sps. Region amplified: 18SrRNA gene. Gel electrophoresis Amplicon was extracted from gel using Qiagen gel extraction kit. Extracted product was sequenced. PCR REACTION CONDITIONS: No. of cycles Temperature (°C) Time 1 95 5min 35 72 1.30sec 1 72 5min 1 4 hold OUERY SEQUENCE GENERATED USING FORWARD PRIMER: TCCCTTGACTCAGGCCAGTGGAACATCATGGGTGTGCCCCCAATATCTACGGCCCCAGAATTCCACTCTGGCCTAACGCCCCCATATTCCCCCCCAACTGCGAATTCCACTCTGGCGGCTATACCCCCCATATTCCCCCCCATCATTACCCCGCCCATATATCCCCGGCCTATATCCCCCCCATCATTACCCCGCGGCTTGGCAACATCCATGGGAGCCATTACCCCCCCATGGGCAACTCCACTCTGGCAGGCCATTCCACACTCGGGCTGTAGCCCCGGATTACCCCCCAATATCTCACCCCCACTAGGGCAGTCTGGGGCCATATCCCCCCCATATCCCCGCCATAGGCCAGGCTATACCCCCGGGCTTAGCCCCGGGATTACCCCCCCATCATGGCAGGCCATTACCCCCCCATATATCCCCGCCATAGGCAGGC	NAME OF SAMPLES	RECEIVED FROM AND DATE	REPORTED ON	TEST PARAMETER	INTERPRETATION OF SEQUENCE	
	MTCC 7170	BIOSCIENCES PVT LTD	28.07.2022	BY 16s rDNA		
No. of cycles Temperature (°C) Time 1 95 5min 35 52 30sec 1 72 1.30sec 1 1 72 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 4 hold CUERY SEQUENCE GENERATED USING FORMARD PRIMER: Incomparity of the second	 PCR was done Region amplii Gel electroph Amplicon was 	e with specific primers which a fied: 18SrRNA gene. Ioresis s extracted from gel using Qia	amplify the bacterial sps.			
1 95 5min 35 52 30sec 1 72 1.30sec 1 72 5min 1 4 hold OULERY SEQUENCE GENERATED USING FORWARD PRIMER: ICCCTTGACTCAGGCAGCTAGCCAGGGAGCCTCGCGGGGGGCTCTCTCT	PCR REACTION CONDIT	TIONS:				
35 52 30sec 1 72 1.30sec 1 72 5 min 1 72 5 min 1 72 5 min 1 72 5 min 1 4 hold QUERY SEQUENCE GENERATED USING FORWARD PRIMER: 1 TCCCTTCACACGGCGGCGTATTCGAAGCCAGCGAGCGCGGCGGCGCAGGGCATTCACCCCCCAACTTCCGCGCCGCGCGCG		No. of cycles	Temperature (°C)	Time		
35 52 30sec 1 72 1.30sec 1 72 5 min 1 72 5 min 1 72 5 min 1 4 hold 0UERY SEQUENCE GENERATED USING FORWARD PRIMER: 1 TCCCTTGACACCCAGGTGAGCCAGTGAGCGCCCTGGCACTGGGATTTCCCCGCAGTACCGCAACTTCCACCACCTACGTGCGCCATCGGCCCCATCGTGCGCCACGGAACTACGCCCCAGGGCCCCCACGTGCGCCACGGCCCCCCCACGTGCGCCCACGTGCGCCCACGTGCGCCCCCCCC		1	95	5min		
0 72 1.30sec 1 72 5 min 1 72 5 min 1 4 hold 0UERY SEQUENCE GENERATED USING FORWARD PRIMER :			-			
1 72 5 min 1 4 hold QUERY SEQUENCE GENERATED USING FORWARD PRIMER: TCCCTTGACTCAGCGTCGTATTCGAGCCAGTGAGCCGCCCTTCGGCGGTGGAGCCCCCGGCAATTCCAACCTTCCGGACCGGCACTTCACCCCAACCACTTCACCCCAACCTTCACCCCAACCTAGCGCACGACGTTCATCACCCCCACGTGGGACCGCACGTTCATTCA		35	-			
1 4 hold QUERY SEQUENCE GENERATED USING FORWARD PRIMER:		1				
OUERY SEQUENCE GENERATED USING FORWARD PRIMER : TCCCTTIGACTCAGCGTCGTATTGCAGCCAGGAGAGACGACGTCAGCAGGAGTGCCCCGGGAGTTCCTCCGCAATATCTACGCCCCTCACGTCGGCGCTTTACCCCCACAGGTGCGCTTTACCGCCCTTGACACCGGCGGCGCGCGC						
TCCCTTGACTCAGCGTCGTATTCGAGCCAGTGAGCCGCCTTCGCCACTGGGGGTGCCCCGGGATTCCTCCGCAATTCTACGCAAATTTCACCCTCACGTCGGCGAATCCCCCCCC		-	-	hold		
PERFORMED BY: MR. B RAVI, M.Sc. ASSISTANT MANAGER, MOLECULAR DIAGNOSTICS DIV.	CTCTCTCGAACTCCAGAC AATTCCGAACAACGCTG CTTTACTACCCCACGGAC TGTCTCACTCCCAGGAGTG TGGCGATAAATCTTTCCC GCTCACCCGAAGGTGCC NOTE: Although all pred	CAGGTAGTTTTGAAGGCAGTTC CCCCCCTCCTAATTACCGCGGC CTTCATCACTCTAGCGGCCATGG GGCTGATCATCCTCTCACACCAT CCCGAAGGGAGCATACGGTATT/ GCTCGACTTGCACGTGTTTACTG cautions are taken and the res	CGGGGTGGAGCCCCGGG IGCTGGCACGGAGTTAGC ICAACATCATGGTTGCCCCC CTATGGATCCTCCGCTTGG ACCCCCATTTTCCCTCGACT ICCTGAGTCCGCCGCTAGC sults cross checked during	ATTTCACCCCCAACTTTCCG GGGGCTTCTTCTGCTGGTA ATTGTGCAACATTCCACACT GAGGCCATTACCCCACCAAC ATTGCGAACCAAAGGGCAT CCCGAAGGGACTCGCTCGA 5 DNA tests, the currently a	GTCCGCCTACGTGCGCTTTACGCCCATA CCGTCATTATCTTCCCAGCTGAAAGAG GCTGCCTCGCGTAGGAGTCTGGGTGG TACGTAATGCCACGCGGGCTAATCCTT ATTCCCACGAGTTACTCATCCGTCCGCC CTTGCATGTGATAAGG Ivailable data indicates that the	
MR. B RAVI, M.Sc. Dr. M. SHESHEER KUMAR ASSISTANT MANAGER, COO, HUWEL HUWEL LIFESCIENCES PVT LTD. MOLECULAR DIAGNOSTICS DIV.	R. Marine MBCherry					
MOLECULAR DIAGNOSTICS DIV.	MR. B RAVI, M.Sc.					
		•		COO, HUWEL H	IUWEL LIFESCIENCES PVT LTD.	
	MOLECULAR DIAG					





CULTURE IDENTIFICATION BY 16s rDNA SEQUENCING REPORT

NAME OF SAMPLES	RECEIVED FROM AND DATE	REPORTED ON	TEST PARAMETER	INTERPRETATION OF SEQUENCE
MTCC 1196	BLUEWEIGHT BIOSCIENCES PVT LTD 15.07.2022	28.07.2022	CULTURE IDENTIFICATION BY 16s rDNA SEQUENCING	Brevibacillus parabrevis
 PCR was don Region ampli Gel electroph Amplicon wa 	ated from the culture using al e with specific primers which fied: 16SrRNA gene. noresis s extracted from gel using Qia oduct was sequenced.	amplify the bacterial sps		
PCR REACTION CONDI	TIONS:			
	No. of cycles	Temperature (°C) Time	
	1	95	5min	
		94 52	30min	
	35	72	30sec 1.30sec	
	1	72	5 min	
	-	12	5 1111	
	1	4	hold	
TCCTCTCCTGCACTCAAC ATAATTCCGGACAACGC CGGCACGGTTTCCTCCC CTGCTGCCTCCCGTAGG CAACCAGCTAATGCGCC CTATGTTATCCCGGTCTG NOTE : Although all pre	GCCAGGCAGTTTCCAATGCGTAG TTGCCACCTACGTATTACCGCGC TGACAACAGAACTTTACAATCC AGTCTGGGCCGTGTCTCAGTCC GTAGGCCCATCTGCCAGTAATAG AGAGGCAGGTTGCCTACGTGT cautions are taken and the res	CCGGGGGGTGAGCCCCGG GCTGGTGGCACGTAATTAA GAAGACCTTCATCGTTCA CAGTGTGGCCGGTCACCC GCCGAAGCCATCTTTCCCT TACTCACCCGTCCGCCGCT sults cross checked durin	GCTTTAACATCAGACTTTCCCGA ACCGTGGGTTTCTCCTCAGGGA CGCGGCGTTGCTCCATCAGACT CTCTCAGGTCGGCTACGCATCGT TATCTGATCATGCAATGAGAAAA TAG CCCCACAAA g DNA tests, the currently ava	TCCCGCTACACGTGGAATACCGCT ACCGCCTGCGCGCGCGCTTTACGCCC CCGGCAAGGTGCCGCCTTATTCAA TTCGTCCATTGTGGAAAATTCCCTA CGCCTTGGTAGGCCGTTACCCCAC TCTATCCGGTATTAGCATAAGTTTC illable data indicates that the n the light of information noted
B, AMA	ED BY:		MECH	FIED BY:
MR. B RAV	l, M.Sc.		Dr. M. SHESHEER KUMAR	
ASSISTANT MANAGER, COO, HUWEL HUWEL LIFESCIENCES PV				
	DIAGNOSTICS DIV.			
		End of the report		