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XI'AN PLANT BIO-ENGINEERING,CO.,LTD

分析报告 Certificate of Analysis

Product Name	Sodium copper chlorophyllin- Mulberry Extract		
Batch No.	SCC200605	Manufacturing Date	June,5th,2020
Batch Quantity	800kg	Expiration Date	June,4th,2022
It isn't GM plant extracts		Place of origin	China

Item	Specification	Result
Characteristics	Dark green fine powder	Conforms
Identification		
Absorptance	568min.	580
Assay (UV)	98%min.	99.35%
Ratio(A405/A630)	3.0-3.9	3.58
Other Components		
Content of total copper	Not less than 4.25%	4.88%
Content of chelated copper	Not less than 4.0%	4.86%
Content of sodium	5%-7%on dried basis	5.77%
Nitrogen determination	Not less than 4.0%	4.6%
Impurities		
Limit of ionic copper	0.25% on dried basis	0.023%
Residue on ignition	30% on dried basis	24.1%
Arsenic	1ppm	0.1ppm
Lead	2ppm	0.18ppm
Cadmium	0.5ppm	0.01ppm
Mercury	0.1ppm	0.01ppm
Iron	0.5%	0.11%
Specific Tests		
Total plate count	NMT 1000 cfu/g	Conforms
Yeast	NMT 100 cfu/g	Conforms
Mould	NMT 100 cfu/g	Conforms
Salmonella	Negative	Conforms
E.Coli.	Negative	Conforms
PH	9.5-10.7(in a solution 1 in 100)	10.6
Loss on drying	Not more than 5%(at 105 for 2hours)	2.7%
Test for fluorescence	No fluorescence is visible	Conforms

Conclusion	Conform with USP42 Standard
Storage& Packing	Store in a cool and dry place, keep away from direct strong and heat. Preserve in tight, light-resistance containers.
Shelf Life	24months if when properly stored

Inspector:LI WENJIA

Examiner:HUANG ZHOU

Company Stamp: