

中国认可
国际互认
检测
TESTING
CNAS L10449

Analytical Report

Sample Code	128-2025-00018934	Report date	01-Mar-2025
Certificate No.	AR-25-VV-019959-02		

This report is translated from report AR-25-VV-019959-01



CHENGDU SUSTAR FEED CO.,LTD.

NO.147 QINGPU ROAD, SHOUAN TOWN, PUJIANG
COUNTY,
CHENGDU CITY, SICHUAN PROVINCE, CHINA

Sample Code:	128-2025-00018934
Client Sample Code:	250221
Sample described as:	Copper Sulfate Feed Grade
Sample Packaging:	Sealed plastic bag
Analysis Type:	Consignment Testing
Sample Reception Date:	24-Feb-2025
Analysis Starting Date:	24-Feb-2025
Analysis Ending Date:	28-Feb-2025

Arrival Temperature (°C)	9.4	Sample Weight	620g
Sample Type	Solid	Manufacturer	Guangdong Sustar Feed Co.,Ltd.

	Results	Unit	LOQ	LOD
△ VV76K Dioxins(WHO-PCDD/F 17) Method: EN 16215:2020				
2,3,7,8-TetraCDD	<0.0155	ng/kg	0.0155	
		MC12%		
1,2,3,7,8-PentaCDD	<0.0249	ng/kg	0.0249	
		MC12%		
1,2,3,4,7,8-HexaCDD	<0.0374	ng/kg	0.0374	
		MC12%		
1,2,3,6,7,8-HexaCDD	<0.0374	ng/kg	0.0374	
		MC12%		
1,2,3,7,8,9-HexaCDD	<0.0374	ng/kg	0.0374	
		MC12%		
1,2,3,4,6,7,8-HeptaCDD	<0.124	ng/kg	0.124	
		MC12%		
OctaCDD	<0.311	ng/kg	0.311	
		MC12%		
2,3,7,8-TetraCDF	0.0465	ng/kg	0.0374	
		MC12%		
1,2,3,7,8-PentaCDF	<0.0374	ng/kg	0.0374	
		MC12%		
2,3,4,7,8-PentaCDF	<0.0374	ng/kg	0.0374	
		MC12%		
1,2,3,4,7,8-HexaCDF	0.0949	ng/kg	0.0374	
		MC12%		
1,2,3,6,7,8-HexaCDF	0.0390	ng/kg	0.0374	
		MC12%		
1,2,3,7,8,9-HexaCDF	<0.0374	ng/kg	0.0374	
		MC12%		

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	Results	Unit	LOQ	LOD
2,3,4,6,7,8-HexaCDF	<0.0374	ng/kg	0.0374	
		MC12%		
1,2,3,4,6,7,8-HeptaCDF	0.704	ng/kg	0.124	
		MC12%		
1,2,3,4,7,8,9-HeptaCDF	0.313	ng/kg	0.0623	
		MC12%		
OctaCDF	3.32	ng/kg	0.311	
		MC12%		
WHO(2005)-PCDD/F TEQ (lower-bound)	0.0292	ng/kg		
		MC12%		
WHO(2005)-PCDD/F TEQ (medium-bound)	0.0656	ng/kg		
		MC12%		
WHO(2005)-PCDD/F TEQ (upper-bound)	0.102	ng/kg		
		MC12%		
Δ VV76L Dioxin-like PCBs(DL-PCBs, WHO-PCB 12) Method: EN 16215:2020				
PCB 77	<2.49	ng/kg	2.49	
		MC12%		
PCB 81	<0.249	ng/kg	0.249	
		MC12%		
PCB 105	<2.49	ng/kg	2.49	
		MC12%		
PCB 114	<1.24	ng/kg	1.24	
		MC12%		
PCB 118	<2.49	ng/kg	2.49	
		MC12%		
PCB 123	<1.24	ng/kg	1.24	
		MC12%		
PCB 126	<0.249	ng/kg	0.249	
		MC12%		
PCB 156	<2.49	ng/kg	2.49	
		MC12%		
PCB 157	<2.49	ng/kg	2.49	
		MC12%		
PCB 167	<2.49	ng/kg	2.49	
		MC12%		
PCB 169	<0.249	ng/kg	0.249	
		MC12%		
PCB 189	<2.49	ng/kg	2.49	
		MC12%		
WHO(2005)-PCB TEQ (lower-bound)	0.00	ng/kg		
		MC12%		
WHO(2005)-PCB TEQ (medium-bound)	0.0166	ng/kg		
		MC12%		
WHO(2005)-PCB TEQ (upper-bound)	0.0332	ng/kg		
		MC12%		
Δ VV704 Non dioxin-like PCBs(NDL-PCBs, ICES-6) Method: EN 16215:2020				
PCB 28	<0.156	μg/kg	0.156	
		MC12%		
PCB 52	<0.156	μg/kg	0.156	
		MC12%		
PCB 101	<0.156	μg/kg	0.156	
		MC12%		
PCB 138	<0.156	μg/kg	0.156	
		MC12%		
PCB 153	<0.156	μg/kg	0.156	
		MC12%		



		Results	Unit	LOQ	LOD
PCB 180		<0.156	µg/kg	0.156	
			MC12%		
Total 6 ndl-PCB (lower-bound)		0.00	µg/kg		
			MC12%		
Total 6 ndl-PCB (medium-bound)		0.467	µg/kg		
			MC12%		
Total 6 ndl-PCB (upper bound)		0.933	µg/kg		
			MC12%		
△ VV76M Dioxins and dioxin-like PCBs(Sum,WHO-PCDD/F-PCB) Method: EN 16215:2020					
WHO(2005)-PCDD/F+PCB TEQ		0.0292	ng/kg		
(lower-bound)			MC12%		
WHO(2005)-PCDD/F+PCB TEQ		0.0822	ng/kg		
(medium-bound)			MC12%		
WHO(2005)-PCDD/F+PCB TEQ		0.135	ng/kg		
(upper-bound)			MC12%		
		Results	Unit	LOQ	LOD
△ Y30ZX Moisture Method: GB/T 6435-2014					
Moisture		29.8	%	0.1	

SIGNATURE


Kenny Zhou
Authorized Signatory


Chunmei Li
Authorized Signatory

EXPLANATORY NOTE

Not Detected means the result is less than LOD

LOQ: Limit of Quantification

< LOQ: Below Limit of Quantification

N/A means Not applicable

Sum compounds results are calculated from the results of each quantified compound as set by regulation

The uncertainty has not been taken into account for standards that already include measurement uncertainty or on explicit request of client.

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△ CNAS

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END OF REPORT

