

## CERTIFICATE OF ANALYSIS

Product Name	Sucralose	Batch No	PY-SU20210103
Quantity	1000KG	Analysis Date	Jan.06,2021
Mfg. Date	Jan.03,2021	Exp. Date	Jan.02,2023
Package	25kg/Drum	Standard	FCC,JECFA,NF35,EC(E 955), GB 25531 Standard

No.	Item	Specification	Result
1.	Appearance	White or off-white crystalline powder	Complies
2.	Identification	A: Infrared spectra of standard and sample should meet each other	Complies
		B: The main detention time of sample solution in HPLC is similar to standard solution	Complies
		C: The Rf value of main spot for sample solution in TLC is similar to standard solution	Complies
3.	Odor	Odorless	Complies
4.	Assay	98~102%	99.3%
5.	Specific Rotation	+84.0~+87.5°	+86.7°
6.	Water	≤2.0%	0.16%
7.	Residue on Ignition	≤0.7%	0.05%
8.	Sulphated Ash	≤0.7%	0.05%
9.	Methanol	≤0.1%	<0.1%
10.	Related Substance	Other Chlorinated Disaccharides: Pass the test	Complies
11.	Hydrolysis Product	Chlorinated Monosaccharides: Pass the test	Complies
12.	Triphenylphosphine Oxide	≤150mg/kg	<150mg/kg
13.	pH	5~8	6.8
14.	Heavy Metals	≤10ppm	<10ppm
15.	Pb	≤1.0ppm	<1.0ppm
16.	As	≤3.0ppm	<3.0ppm
17.	Total Plate Count	≤250cfu/g	<250cfu/g
18.	Yeasts & Molds	≤50cfu/g	<50cfu/g
19.	Coliform	≤3.0MPN/g	<3.0MPN/g
20.	Pathogenic Bacteria	Negative	Negative
21.	Conclusion	Conform to the FCC,JECFA,NF35,EC(E 955), GB 25531 Standard.	

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