



NEW AMBITION CHEMICAL

Address: 2 Shandong Rd., Qingdao 266100, China

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CERTIFICATE OF ANALYSIS

Product Name: Sucralose		Batch Number: 20230323
		Test date: 2023/03/24
		Mfg.date: 2023/03/23
		Exp.date: 2025/03/23
Item	Standard	Test Result
Appearance	White or almost white crystalline powder	Complies
Ident HPLC	The retention time of the principal peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation	Pass
Ident TLC	The RF value of the principal spot in the chromatogram of the Test solution corresponds to that of Standard solution	Pass
Assay	98.0% ~ 102.0%	99.9%
Specific Rotation	+84.0° ~ +87.5°	+85.97°
Clarity of Solution	Clear	Clear
pH (10% aqueous solution)	5.0 ~ 7.0	6.5
Moisture	≤ 2.0%	0.05%



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Methanol	$\leq 0.1\%$	<10ppm
Ignited Residue	$\leq 0.7\%$	0.04%
Arsenic(As)	$\leq 3\text{ppm}$	<3ppm
Heavy metals	$\leq 10\text{ppm}$	<10ppm
Lead	$\leq 1\text{ppm}$	<1ppm
Related substances	$\leq 0.5\%$	<0.5%
Hydrolysis products	$\leq 0.1\%$	Complies
Triphenylphosphine oxide	$\leq 150\text{pm}$	Negative
Total aerobic count	$\leq 250\text{cfu/g}$	<20cfu/g
Yeast & Moulds	$\leq 50\text{cfu/g}$	<10cfu/g
Coliforms	Negative	Negative
E.coil	Negative	Negative
S.aureus	Negative	Negative
Salmonella	Negative	Negative
Particle size	95% through 80 mesh	
Storage condition	Store in well closed container, dry and cool place	
Conclusion	The product complies with DCCVI, USP32-NF27 and E955 standard	