



武汉福鑫化工有限公司

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### CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
Sucrose octasulfate Potassium salt	73264-44-5	20240215
Mfg. Date	Exp. Date	Package
Feb.,15,2024	Feb., 14,2026	25kg/ Box/Bag/Drum

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White or almost white powder	White powder
Identification	(1)examine the chromatograms obtained in the assay:the retention time of the principal peak obtained with the test solution corresponds th that obtained with reference solution. (2)Yields the reaction characteristic of potassium salt	Conforms
Acidity	The pH is 5.5 to 6.5	6.0
Clarity and color of solution	The solution is clear and colorless; any opalescence produced is not more pronounced is not more intense than that of reference solution Y <sub>0.5</sub> .	Clear and colorless
Chloride	≤0.01%	Conforms
Sulfates	≤0.01%	Conforms
Related substances	Sucrose heptasulfate potassium salt ≤0.10%	Conforms
Residual solvent	Methyl alcohol≤0.3%	Not detected
	Acetonitrile≤0.041%	Not detected
	Pyridine≤0.02%	Not detected
	2-picoline≤0.02%	Not detected
Water	Water≤10.0%	5.2%
Heavy metals	≤5ppm	Conforms
Arsenic	≤0.0002%	Conforms

Microbial limit	Total Aerobic Microbial count: NMT 1000 CFU/g	Conforms
	Total Yeasts and molds count: NMT 100 CFU/g	Conforms
	Escherichia coli: Not detected	Not detected
Bacterial endotoxins	< 100 EU/g	Conforms
Assay	It contain not less than 95.0% and not more than 105.0% of Sucrose Octasulfate Potassium Salt (C <sub>12</sub> H <sub>14</sub> K <sub>8</sub> O <sub>35</sub> S <sub>8</sub> ) , caculated on the anhydrous basis.	99.0%
Conclusion	QUALIFIED.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03

