



Certificate of Analysis

Product Name: Sodium Saccharin 20-40 mesh		Batch No.: 20220407	
Molecular formula:	C ₇ H ₄ O ₃ NSNA.2H ₂ O	Mfg. Date:	2022-04-07
CAS No.:	6155-57-3	Test Date:	2022-04-07
Quantity:	2000kgs	Exp. Date:	2025-04-06

Item	Standard	Result
Identification	Positive	Complies
Melting point of °C	226-230	227.1-229.5
Appearance	White crystal	White crystal
Content %	99.0-101.0	99.21
Loss on drying %	≤15	13.69
Ammonium Salts	≤25ppm	15ppm
Arsenic	≤2ppm	0.1ppm
Lead	≤2ppm	0.1ppm
Benzoate and salicylate	No precipitate or violet color appears	Complies
Heavy metals	≤10ppm	5ppm
Free acid or alkali	Complies with BP/USP/EP	Complies
Readily carbonizable substances	Not more intensely colored than reference	Complies
P-Toluene sulfonamide	≤10ppm	6ppm
O-Toluene sulfonamide	≤10ppm	5ppm
Selenium	≤30 ppm	5ppm
Related substance	Complies with BP/USP/EP	Without
Clarity and color of solution.	Colorless, clear	Colorless, clear
Organic volatiles	Complies with BP/USP/EP	Without
PH value	Complies with BP/USP/EP	6.5
Benzoic acid- sulfonamide	≤25ppm	15ppm

河北允升生物科技有限公司
HEBEI YUNSHENG BIOTECHNOLOGY CO., LTD.

Above certificate of analysis is in compliance with BP /USP standard.