

Certificate of Analysis

Product Information			
Product Name	Sodium Azulene Sulfonate		
CAS No.	6223-35-4	Report Number	SGN20220941
Batch Number	SGN220916	Manufacture Date	2022/09/16
Batch Quantity	200Kg	Expiry Date	2024/09/15

Test Items	Test Standard		Test Result
Assay	98.5-101.5%(dried substance)		99.15%
Appearance	Blue Crystalline Powder		Conforms
Solubility	It is soluble in methanol, sparingly soluble in water and glacial acetic acid, slightly soluble in ethanol (95) and practically insoluble in anhydrous acetic acid, ether and hexane.		Conforms
PH	6.0-9.0		7.2
Identification	A	Barium Chloride TS: a blue color precipitation	Conforms
	B	Hydrochloric acid: a light yellow color develops or decolorized.	Conforms
	C	It shows absorbance of maximum at 567~571nm.	Conforms
Absorbance	19.85-20.65		20.31
Purity	Clarity and Color of Solution	No precipitate on filter	Conforms
	Heavy Metals	≤20ppm	Conforms
	Arsenic	≤5ppm	Conforms
	Guaiazulene	95% Transmission shows not less than 95.0 % at 605 nm.	98.50%
Loss on Drying	≤ 3.5%		0.30%
Water	2.5-7.0 %		3.50%
Microbial Limit Test	Total Aerobic Bacteria Count	≤ 80	Not detected
	Total Number of Moulds and Yeasts	≤ 40	Not detected

Conclusion	
Conclusion	To be complied with in-house Specification
Shelf Life	2 years when properly stored.
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Tested by: 张丽娜

Checker: 李明

Approved:

