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Certificate of Analysis

Product Name	Guaiazulene		
CAS No.	489-84-9	Batch Number	KR18113020
Manufacturer Date	2018-11-30	Date of Test	2018-11-30

Quality Standard: WS-10001-(HD-1521)-2004

ITEMS	SPECIFICATIONS	RESULTS
Appearance	Dark blue, crystallization or viscous liquid. Turn green in the light, become blue in the end	Conform
Melting Point	29.5~31.5°C	30.2°C
Freezing Point	26~28.5°C	28.2°C
Identification	Liquid looks brown, put the liquid into 150ml ice water, blue shows again	Conform
Test/water	Not more than 1.5%	0.02%
Purity	≤5.0%	2.30%
Loss on ignition	Guaiazulene (C ₁₅ H ₁₈) not less than 99.0%	99.5%
Conclusion	Complies with WS-10001-(HD-1521)-2004 standard	

Analyst: 连俊昊

Supervisor: 李文

