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CERTIFICATE OF ANALYSIS

Date: 2019-3-28

Sodium sulfanilate (packing:25kg plastic woven bag with lining)			
N O.	<u>ITEMS</u>	<u>STANDARD</u>	<u>RESULTS OF ANALYSIS</u>
1	Assay	99%~101%	99.9%
2	Purity	99%min	99.82%
3	Related substances(total impurity)	1%max	0.18%
4	Sulphated ash	0.2%max	0.009%
5	Heavy metals	10ppm max	<10ppm
6	Loss on drying	0.5%max	0.11%
7	Appearance	pink or light rosy crystal	Pink crystal

武汉鑫儒化工有限公司
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Item	Standard	Test Results	
Identification	A.H-NMR:Comply with the structure	Complies	
	B.LC-MS:Comply with the structure	Complies	
	C.The IR spectrum of sample should be identical with that of reference standard;	Complies	
	D.HPLC-ESI-MS The retention time of the major peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation, as obtained in the Assay.	Complies	
Loss on drying	≤0.5%	0.11%	
Heavy metals	≤10 ppm	<10ppm	
Sulphated ash	≤0.2%, determined on 1.0 g.	0.009%	
Related substances	Unspecified impurities: for each impurity	≤0.10%	<0.10%
	Total Impurity	≤1.0%	0.18%
Purity	≥99.0%	99.82%	
Assay	99.0%~101.0% (anhydrous substance).	99.9%	