



# Hunan Merits New Material Co., LTD

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## CERTIFICATE OF ANALYSIS

<b>Commodity</b>	Sodium Silicofluoride	<b>Grade</b>	Industry Grade	
<b>UN NO.</b>	2674	<b>CAS NO.</b>	16893-85-9	
<b>Standard</b>	GB23936-2009	<b>Batch No.</b>	90621BHE	
<b>Sample Time</b>	20190621	<b>Report Date:</b>	20190622	
<b>Items</b>	<b>U/T</b>		<b>Standard</b>	<b>Test Result</b>
main content(as Na <sub>2</sub> SiF <sub>6</sub> )	%	≥	<b>99</b>	<b>99.01</b>
Free Acid( as HCl)	%	≤	<b>0.1</b>	<b>0.07</b>
Loss of weight on drying at 105℃	%	≤	<b>0.3</b>	<b>0.24</b>
Water-insolubles	%	≤	<b>0.4</b>	<b>0.33</b>
Iron content(Fe)	%	≤	<b>0.02</b>	<b>0.013</b>
Chloride(as Cl)	%	≤	<b>0.15</b>	<b>0.13</b>
sulfate( as SO <sub>4</sub> )	%	≤	<b>0.25</b>	<b>0.24</b>
Grain size passing through a 250 μm screen	%	≥	<b>60</b>	<b>90</b>
Outward	*	*	white powde	white powder

