

# Tangshan Moneide Trading Co., Ltd.

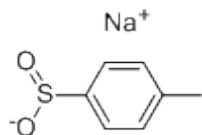


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## CERTIFICATE OF ANALYSIS

Date of Report: Nov. 10<sup>th</sup>, 2013

<b>Product Name:</b> Sodium para toluene sulphinate(SPTS)	<b>Structure</b>
<b>CAS No.:</b> 824-79-3	
<b>Molecular Formula:</b> C <sub>7</sub> H <sub>7</sub> NaO <sub>2</sub> S	
<b>Molecular Weight:</b> 178.18	
<b>Batch No:</b> 20131110	
<b>Quantity:</b> 3000KG	

This is to certify that our inspection result of above-mentioned product is as follows:

Items	Specifications	Results
Appearance	White crystalline powder	White crystalline powder
Assay	98.0%min	98.6%
Water Solution (10%)	Crystal clear	Crystal clear
PH(10% solution)	10.0 max.	9.1
Moisture	30.0%max.	29.8%
Sodium chloride	1.0%max.	0.5%
Sodium sulfate	2.0%max.	0.6%
Alkalinity	0.05%max.	0.01%
Fe <sup>2+</sup>	0.001%max.	0.0006%
Heavy metal	0.001%max	0.0003%
Conclusion	Qualified	