

**HANGZHOU DINGYAN CHEM CO.,LTD**

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CERTIFICATE OF ANALYSIS**NO: DYC041706062**

Product name	Sodium picosulfate, BP
CAS Number	10040-45-6
Molecule Structure	
Molecule Formula	$C_{18}H_{13}NNa_2O_8S_2 \cdot H_2O$
Batch number	20160616
Manuf&Exp. Date	2016-06-16
Testing date	2016-06-17

Items	Standard	Result
Appearance	A white or almost white crystalline powder	A white crystalline powder
Solubility	Freely soluble in water, slight soluble in alclhol.	Complies
Identification	(A) To comply IR test. (E) It gives reaction of sodium—a dense, white precipitate is produced.	Complies Complies
Appearance of solution	5% w/v solution is clear and not more intensely coloured than reference solution GY7.	Complies
Acidity or alkalinity	Not more than 0.25ml of 0.01M NaOH is requird.	Complies
Related substances	To comply the TLC test as per BP' 08	Complies
Chlorides	200ppm max	200ppm max
Sulphates	400ppm max	400ppm max
Heavy metals	20ppm max	Complies
Water	3.0%–5.0% w/v	4.22% w/v
Assay	98.5%–100.5% of $C_{18}H_{13}NNa_2O_8S_2 \cdot H_2O$ on dried basis.	99.36% w/v
Conclusion: The product complies with respects to above test and Prescribed Standard Specification as per BP' 2008.		

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