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**STANDARD TESTING SPECIFICATIONS**

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**CAFFEINE NATURAL IHS**

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1.	Description	:	White Crystalline Powder
2.	Solubility	:	Freely soluble in chloroform and in boiling water.
3.	Identification	:	A – By IR B, C, D - Chemical Test E – Melting Point
4.	Acidity or alkalinity	:	Lt. NMT 0.1ml of 0.02M NaOH
5.	Clarity and colour of solution	:	1% w/v solution is clear
6.	Arsenic	:	Not more than 3 ppm
7.	Heavy Metals	:	Not more than 20 ppm
8.	Related Substances	:	TLC Complies
9.	Sulphated Ash	:	Not more than 0.1%
10.	Loss on drying	:	Not more than 0.5%
11.	Assay on dried basis	:	Limit: 98.5% to 101.5%