
STANDARD TESTING SPECIFICATIONS

CAFFEINE CITRATE NF

1.	Description	:	A white, odorless powder, having a slightly bitter, acid taste.
2.	Solubility	:	Freely soluble in warm water.
3.	Identification	:	A, B, C: Chemical Tests D: Residue melts between 235° & 237.5°
4.	Loss on drying	:	Not more than 5.0%
5.	Residue on ignition	:	Not more than 0.1%
6.	Heavy metals	:	Not more than 15 ppm
7.	Readily carbonizable substances	:	Should meet the requirements of NF XIII
8.	Assay a) Content of anhydrous caffeine b) Content of anhydrous citric acid c) Content of anhydrous caffeine and anhydrous citric acid	:	Not less than 48.0% and Not more than 52.0% Not less than 48.0% and Not more than 52.0% Not less than 98.5% and Not more than 101.0%