

**Specification Sheet**

Product Name	Caffeine Anhydrous		
Packing	25Kg/Drum	Shelf Life:	48 Months

<b>Analysis</b>	<b>Specification</b>
Appearance	White crystalline powder
Identification: IR	Conforms to reference spectrum
Identification: HPLC	Conform to the chromatogram of the standard preparation
Melting point	234 ° -239°
Appearance of solution	Clear and colorless
Acidity(0.01mol/L NaOH,ml)	≤0.2
Chromatographic Purity: Single impurity	≤0.10%
Chromatographic Purity: Total impurities	≤0.10%
Sulfate(ppm)	≤500ppm
Heavy Metals(on Pb basis)	≤0.001%
Loss on drying	≤0.50%
Residue on ignition	≤0.10%
Sulfated ash	≤0.10%
Assay ( on dried basis)	98.5 – 101.5%
Residue solvents (Chloroform)	≤60ppm
Assay(on dried basis) (HPLC)	98.5 – 101.0%
<b>Conclusion:</b>	Meets the BP2013/EP8.0/USP37 Standard