



PRODUCT SPECIFICATION

Caffeine Anhydrous BP2003/USP29

ITEMS	SPECIFICATIONS
Characteristics	A white crystalline powder or silky white crystals
Identifications	Should be positive reaction
Melting point	235 - 239°C
Appearance of solution	Clear, Colourless
Acidity	Add 0.01M NaOH \leq 0.2ml
Heavy metals	\leq 10ppm
Sulphate	\leq 500ppm
Readily carbonizable substances	\leq Matching Fluid D
Chromatographic purity	\leq 0.1%
Related substances	\leq 0.5%
Other Alkaloids	No precipitate is formed
Organic volatile impurity	Meets the requirements
Loss on drying	\leq 0.5%
Sulphated Ash / Residue on ignition	\leq 0.1%
Assay	98.5 – 101.0%

The product complies with BP2003 / USP29

Packing: 25kg net drums