



**Buckton
Scott
Deutschland**

Specification	DATE:	29.08.2025
Caffeine Anhydrous	TEST METHOD:	BP, USP, EP, FCC

Item	Specification
CAS no.	58-08-2
Identification	
A. Spectroscopic Identification Tests B. The retention time of caffeine peak	Conforms to the USP caffeine RS Corresponds to the Standard preparation obtained in the Assay
Solubility	Sparingly soluble in water, freely soluble in boiling water, slightly soluble in ethanol (96 percent). It dissolves in concentrated solutions of alkali benzoates or salicylates. It sublimes readily
Appearance Appearance of solution Assay Loss on drying Sulphated ash Sulfates *Lead *Other Alkaloids *Readily Carbonizable Substances *Melting Range *Acidity Particle size	White, crystalline powder or silky, white Crystals Clear, colorless (BP/EP) 98.0%~102.0% (USP) ≤0.5% (BP/EP) ≤0.1% (BP/EP) ≤0.05% (BP/EP) ≤1ppm (FCC) No precipitate is formed (FCC) Qualified (FCC) 235°C-237.5°C (FCC) Not more than 0.2ml of 0.01M sodium hydroxide (BP/EP) ≥95% Pass Through 40 mesh
Impurities	
*Each impurity A, B, C, D, E, F *unspecified impurity *Total impurities	≤0.10% (BP/EP) ≤0.10% (BP/EP) ≤0.10% (BP/EP)
Organic impurities	
individual impurity Total impurities	≤0.1% (USP) ≤0.1% (USP)
Remark: * means this item is spot test.	

INFORMATION ABOVE AS RECEIVED FROM OUR SUPPLIER

INGREDIENTS WORLDWIDE

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DE-ÖKO-039
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Agriculture



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Packing Shelf life Country of Origin Handling & Storage	25kg/drum or carton 4 years China Keep in a tightly closed container, stored in a natural temperature, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product
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