

Specification

Formula Hill: C₈H₁₀N₄O₂
Molar Mass: 194,19 g/mol
CAS N°: 58-08-2

Print Date: 21 March 2025

124340 Caffeine anhydrous, Ph. Eur., USP

	Specifications
Assay (HClO ₄ , dried substance)	98,5 - 101,5 %
Assay (HPLC, dried basis)	98,5 - 101,0 %
Identity	conforms
Appearance	
- White or almost white	conforms
- Crystalline powder or silky crystals	conforms
Appearance of solution	conforms
Acidity	conforms
Sulfate (SO ₄)	≤ 0,0500 %
Organic impurities	
- Individual impurities	≤ 0,1 %
- Total impurities	≤ 0,1 %
Releted substances	
- Individual Impurities	≤ 0,10 %
- Total Impurities	≤ 0,10 %
Loss on drying (105°C)	≤ 0,5 %
Sulfated ash	≤ 0,1 %
Water (80°C; 4h)	≤ 0,5 %

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

conforms to: Ph. Eur., USP specification

