

Specification code **CA/1/PB/E**  
Date 08/01/2025**Product description**

Description	Caffeine anhydrous is a dehydrated form of caffeine.
Colour	White to off-white
Taste and smell	Typical
Appearance	Crystalline powder or silky crystals
Appearance of solution	Clear and colourless

**Heavy metals analysis**

Total heavy metals	≤20 ppm
Lead (Pb)	≤3 ppm
Cadmium (Cd)	≤1ppm
Arsenic (As)	≤2 ppm
Mercury (Hg)	≤0,1 ppm

**Others specs**

Storage	Cool (10-25°C), dry (humidity max 60%) and ventilated place. Keep in tightly closed container. Keep away from moisture and direct sunlight.
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**Physical chemical analysis**

Loss on drying	max 0,5 %
Melting point	234 ~ 239°C
Sulphated ash	max 0,1 %
Assay	98,5 - 101,5 %
Acidity	≤0,2 ml of 0,01M NaOH

**Organic impurities**

Any individual impurities	<0,1 %
Total impurities	<0,1 %

**Microbiological analysis**

Total count	<1000 cfu/g
Mould and yeasts	<100 cfu/g
E. coli	<10 cfu/g

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