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## UL PROSPECTOR® Product Datasheet

### Caffeine Powder

PRD 30314756

Valid since	14.08.2015
Revision	1.1
WF-No.	5632
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Care Chemicals

## General characterisation

### Chemical description

Caffeine

### Mol weight

194.19 g/mol

### Raw material basis

Synthetic: (mineral oil/natural gas)

## Labeling information

### INCI name(s)

Caffeine

## Active ingredient information

Ingredient	CASR-No.	Remark
Caffeine	58-08-2	

## Product properties

### Appearance

White powder

### Example of use

Caffeine is often used in skin care products such as creams or gels. When applied on the skin, there is a widening of the small blood vessels in the skin. As a result, the skin can appear fresher and there may be a reduction of small wrinkles.

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**Care Chemicals****Characteristic values**

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

**Quality control data**

(Data which is used for quality release and is certified for each batch.)

Appearance	White crystalline powder	Visual
Appearance of solution	Clear, colorless	Ph. Eur.
Acidity	Must comply	Ph. Eur.
Sulfates <sup>(1)</sup>	max. 240 ppm	Ph. Eur.
Loss on drying	max. 0.5 %	Ph. Eur.
Sulfated ash <sup>(1)</sup>	max. 0.1 %	Ph. Eur./USP
Assay (HPLC)	98.5 - 101.0 % calculated on the dried substance	USP
Melting range	235 - 239 °C	USP

**Notes:**

<sup>(1)</sup> not routinely tested

**Stabilising additives / Auxiliaries**

(type and concentration)

**Preservatives**

not present

**Storage information****Shelf life**

60 months

**Storage temperature**

Between +10 °C and +30 °C.

**Storage conditions**

In original sealed containers and protected from moisture.



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