We create chemistry

Product specification

Caffeine Powder

PRD 30314756

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.

INCI name:	Caffeine
Physical form:	White powder

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

Test property	Specification	Test method
Appearance	White crystaline powder	Ph. Eur.
Appearance of solution	Clear, colorless	Ph. Eur.
Acidity	Must comply	Ph. Eur.
Loss on drying	max. 0.5 %	Ph. Eur.
Assay (HPLC)	98.5 - 101.0 % calculated on the dried substance	USP
Melting range	235 - 239 °C	USP

Only the data displayed in this document shall constitute the agreed contractual quality of the product. Chemical-physical characteristics reported in other product related documents (e.g. MSDS, Marketing brochures etc.) are not intended to define the quality of the product. Conversely, Product Specification does not address product communication, human and/or environmental safety or socio-economical characteristics.

Additional product descriptive data
(Data which is proven statistically but not determined regularly.)

Test property	Specification	Test method
Sulfates	max. 240 ppm	Ph. Eur.
Sulfated ash	max. 0.1 %	Ph. Eur.

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Storage information

Shelf life
60 months

Storage temperature
Between +10 °C and +30 °C

Storage conditions
In original sealed containers and protected from moisture

Additional information
Agglomeration in various degrees is product typical. To maintain flowability and avoid clustering of the product, packaging should not be stacked and protected from direct sunlight.
The product quality itself is not influenced by this physical lumping effect if the product has been stored according to the product specification.

Miscellaneous
Caffeine Powder is primarily intended for use as ingredients in personal care applications and conform alone to the analytical specification of the respective pharmaceutical monograph (Ph. Eur. and/or USP).
This is not to be understood as conformance with pharmaceutical or food regulations management system requirements in excess of the analytical specification.

Intended for use as cosmetic ingredient

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of the risk. The data are controlled at regular intervals as part of our quality assurance program.
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