

QUALITY CERTIFICATE

Product name: CAFFEINE
Quality: Ph.Eur.11.0.
Package: 1000 g
Formula: $C_8H_{10}N_4O_2$
Rel. mol. weight: 194,19
Lot No.: GN1361754
Manufacturing date: 05.2023.
Expiry date: 11.04.2027. (DMY)
Anal. No.: 18074H61754

	REQUIRED	MEASURED
Appearance:	white or almost white crystalline powder or silky crystals	white crystalline powder
Identity (IR)	identical	identical
Melting point [°C]:	234-239	237,5
Assay	98,5-101,5 %	100,33 %
Solubility	sparingly soluble in water, freely soluble in boiling water, slightly soluble ethanol (96%)	sparingly soluble in water, freely soluble in boiling water, slightly soluble ethanol (96%)
Appearance of solution	passes test	passes test
Acidity	passes test	passes test
Unspecified impurities	max.0,10 %	<0,10 %
Related substances (total impurities)	max.0,10 %	<0,10 %
Sulfate	max.500 ppm	<500 ppm
Loss on drying (105□C)	max.0,5 %	0,1 %
Sulphated ash	max.0,1 %	0,05 %

The Product complies with the requirements of Ph.Eur.11.0.

Kiállítva: Halásztelek, 2024.06.03.


Nagy Balázs

minőségbiztosítási vezető

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