

ROCHEM INTERNATIONAL, INC.

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PRODUCT SPECIFICATION

CAFFEINE ANHYDROUS (Granular)

USP/BP/EP

Version No: 400179-000

Product Name:	Caffeine Anhydrous (Granular)
CAS No.:	58-08-2
ITEMS	SPECIFICATIONS
Characteristics:	A white granule
Identifications: A: Infrared Absorption B: HPLC	Complies with USP <197M>. The retention time corresponds to the reference.
Melting Point:	235 ~ 239°C
Appearance of Solution:	Clear, Colorless
Acidity:	Add 0.01M NaOH ≤0.2ml
Heavy Metals:	≤10ppm
Sulphate:	≤500ppm
Related Substances:	Any Impurity: ≤ 0.10% Total Impurities: ≤ 0.1%
Residual Solvents Chloroform:	Meets USP <467> ≤60ppm
Loss on Drying:	≤0.5%
Sulphated Ash / Residue on Ignition:	≤0.1%
Organic Impurities: Individual Impurities: Total Impurities:	≤0.1% ≤0.1%
Assay:	98.5 ~ 101.0%
Particle Size: On #20 mesh On #40 mesh On #60 mesh On #100 mesh On Pan	< 1% 4 ~ 42% 65 ~ 84% < 20% < 7%
Exp Date:	4 Years

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