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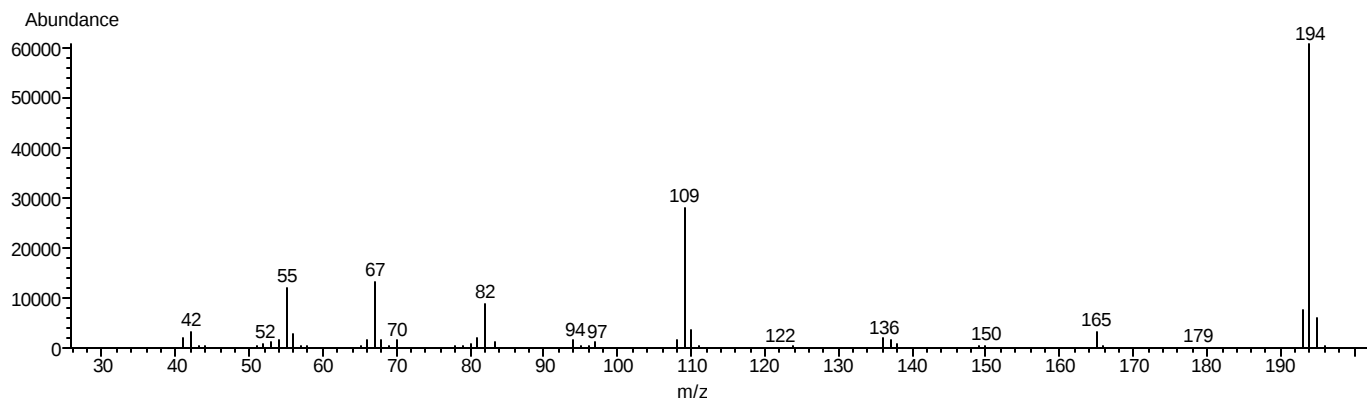
Product Information

CAFFEINE

Methanol Solution

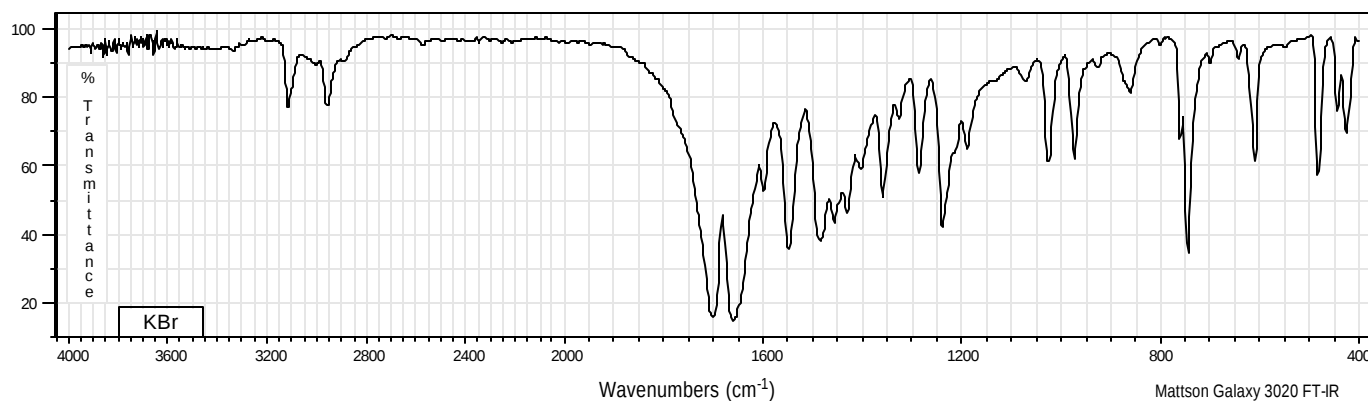
Product Number	C 6035	Synonyms	Coffeinum; Guanine; Methyltheobromine
Lot Number	72K8822	Stability	If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 48 months. After opening, concentration may change due to loss of solvent.
CAS Number	[58-08-2]	Expiration Date	May 2007
Concentration	1.00 mg Caffeine/mL GC grade methanol (conc. verified by UV)	Storage	2-8°C; After opening, transfer contents to small vial provided for your convenience.
Molecular Formula	C ₈ H ₁₀ N ₄ O ₂		
Molecular Weight	194.2		
DEA Class	Formulation of a non controlled substance		

70 eV Electron Ionization Mass Spectrum



Hewlett-Packard 5890 Series II Gas Chromatograph
Hewlett-Packard 5971 Mass Selective Detector
Hewlett-Packard G1034C MS ChemStation (HP-DOS series)

FT-IR

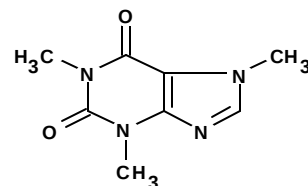


CAFFEINE

Methanol Solution

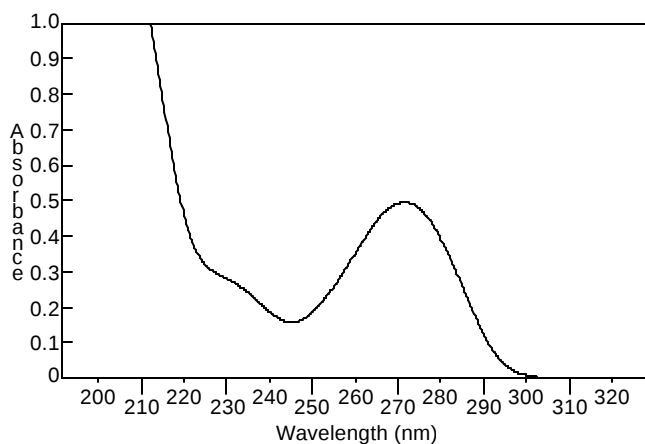
Product Number C 6035

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Ultraviolet Spectrum

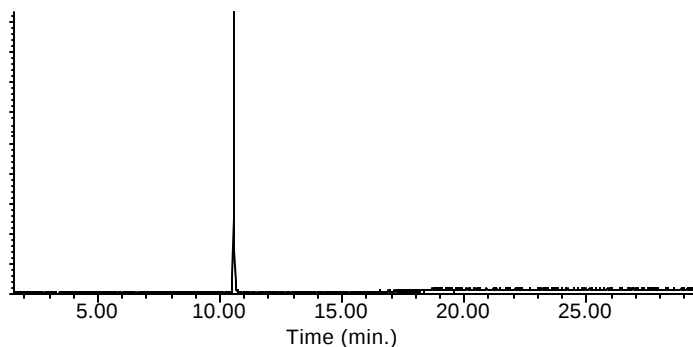
Peak	271.2 nm
Absorbance	0.496
Solvent	0.2 N H ₂ SO ₄
Dilution	1 : 99 (v/v)



Bio-Tek Uvikon XL

Capillary Gas Chromatography

Column Supelco SPB-1 (Cat. No. 2-4162)
I.D. 0.20 mm **Length** 15 m **Film Thickness** 0.20 μm
Oven Temperature 50°C (2 min.), then 15°/min. to 300°C, hold 11 min.
Injector Temperature 250°C, Split
Detector Hewlett-Packard 5971
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

C 6035/72K8822/09/18/02

This product is not for *in vitro* diagnostic procedures. For R&D use only. Not for drug, household or other uses.

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Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply.

Please see reverse side of the invoice or packing slip.