



CERTIFICATE OF ANALYSIS

Product	Caffeine
Grade	Ultra Pure
Product Code	CB7870(C0150)
Formula	$C_8H_{10}N_4O_2$
MW	194.19
CAS#	58-08-2
Lot No	C81C5052

Test Items	Specifications	Results
Appearance	White crystalline powder	
Purity	98.5~101%	99.5%
Identification	PASS	Pass
Melting Point	235-239°C	236.8°C
Loss on Drying	≤0.5%	0.08%
Residue on Ignition	≤0.1%	0.04%
Heavy Metals	≤0.001%	<0.001%
Readily Carbonizable Substances	PASS	Pass
Other Alkaloids	PASS	Pass
Chromatographic purity	≤0.1%	0.07%

Storage: 18~25°C.