

INGA PHARMACEUTICALS

Plot No. B-1(pt), Phase II, Zone-A, MEPZ-Special Economic Zone,
NH-45, Tambaram, Chennai-600 045

CERTIFICATE OF ANALYSIS

Report No: QC/FP/12/004
Name of the Sample: Citrated Caffeine NF
Batch No: CCC- 1201
Date of Receipt: 09.02.2012
Sample Drawn by: NEHA SHARMA
Sample Quantity: 60 gm

Date of Mfg: Feb 2012
Retest Date: Sep 2014
Manufacturer: Inga Pharmaceuticals
Batch Size: 100.00kgs
Date of Completion: 11.02.2012
Received from (dept): Production

S.NO	TESTS	RESULTS	LIMITS
1.	Description	A white powder, odourless, taste bitter and acid.	A white powder, odourless, taste bitter and acid.
2.	Solubility	Complies	Freely soluble in warm water
3.	Identification: A, B and C	A,B,C Complies	A, B and C-To meet the tests.
	D. Melting Range	235.3°C to 236.7°C	235°C to 237.5°C
	E. IR Spectrum	Complies	Test spectrum matches to reference spectrum
4.	Loss on drying	0.5%	NMT 5.0%
5.	Residue on Ignition	0.08%	NMT 0.1%
6.	Heavy metals	Less than 15ppm	NMT 15ppm
7.	Readily Carbonizable Substances	Complies	To meet the test.
8.	Assay of Citrated Caffeine:		
	A. Assay of Caffeine	49.8%	48.0% to 52.0%
	B. Assay of Citric acid	49.4%	48.0% to 52.0%
	C. Total assay value of Citrated Caffeine	99.2%	98.5 to 101.0%

REPORT: The sample referred to above complies with respect to the tests as per NF

Analyst: NEHA SHARMA

For INGA PHARMACEUTICALS

N. Soma 11-02-2012
Quality Control Incharge

conforme al test LB03013 de
Tegre Ibero

[Signature] 02.05.2012
Belen Ruiz / RA