

G. AMPHRAY LABORATORIES

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CERTIFICATE OF ANALYSIS

Name of Product	:	DI-SODIUM HYDROGEN CITRATE BP	Date of Receipt	:	15.05.2007
Batch No.	:	DHC-021/08	Date of Analysis	:	15.05.2007
Date of Manufacture	:	May, 2007.	Sample Size	:	100 Grams
Date of Expiry	:	April, 2012.	Q. C. No.	:	G-07/255
Batch Size	:	900 KGS.			

RESULTS OF ANALYSIS

TESTS	RESULTS	LIMITS
Description	A white powder.	A white powder.
Solubility	Freely soluble in water, practically insoluble in Ethanol (96 %).	Freely soluble in water, practically insoluble in Ethanol (96 %).
Identification	Complies.	Yields the reactions characteristics of sodium salts and of citrates.
Acidity	pH of 3 % w/v solution in water is 5.13	4.9 to 5.2
Arsenic	< 2 ppm	Not more than 2 ppm
Heavy Metals	< 20 ppm	Not more than 20 ppm
Chloride	< 330 ppm	Not more than 330 ppm
Oxalate	< 150 ppm	Not more than 150 ppm
Sulphate	< 0.12 %	Not more than 0.12 %
Readily Carbonisable Substances	Complies	Not more than a pale brown colour is produced.
Assay	100.04 % of $C_6H_6Na_2O_7 \cdot 1\frac{1}{2}H_2O$	98.0 % to 104 %

Additional Tests

1) Particle Size on Tyler Machine :

MICRON	MESH	% PASSING THROUGH
	18	100 %
	20	94.60 %

2) Bulk Density after 50 Tapped = 1.05 g/ml

REPORT: THE ABOVE BATCH COMPLIES WITH THE PRESCRIBED STANDARDS OF QUALITY AS PER B.P. 2008.

Certified True Copy
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AUTHORISED SIGNATORY