

## Certificate of Analysis

*Commodity Name: CITRIC ACID MONOHYDRATED*

*Invoice No.: 150514-CO-3705*

*Date: Jun 9, 2015*

*Batch No.: 50611035*

*Batch Size: 20 MTS*

*Manufacturing Date: 2015/06*

*Expiry Date: 2017/06*

INDEX	STANDARD	TEST RESULT
Appearance	White Crystal or Granular	White Crystal or Granular
Identification	Pass Test	Pass
Clarty & Colour of Solution	20% Water Solution Clarity	20% Water Solution Clarity
Assay	99.5%--101.0%	99.9%
Moisture	7.5%-9.0%	8.8%
Sulphated Ash	0.05max	0.01
Sulphate	150PPMmax	less than 150ppm
Oxalate	360PPMmax	less than 360ppm
Heavy Metal	10PPMmax	less than 10ppm
Readily Carbureted Substances	PASS TEST	PASS TEST
Bacterial Endotoxin	0.5IU/mgmax	less than 0.5IU/mg
Aluminium	0.2ppmmax	less than 0.2ppm