

# CERTIFICATE OF ANALYSIS

**Commodity:** Citric Acid Anhydrous BP98 **Mesh Size:** 30-100 Mesh **Date:** Nov 14th, 2014  
**Production Date:** Nov, 2014 **Expiry Date:** Nov, 2016 **Batch No.:** 8AX1411007  
**Quantity:** 25 MT **Packing:** 25 kg net whiter paper bag **CAS No.:** 77-92-9

ITEM	UNIT	STANDARD DATA	ACTUAL DATA
DESCRIPTION	---	White Crystalline Powder, Colorless Crystals or Granules.	Pass
IDENTIFICATION	---	Pass Test	Pass
APPEARANCE OF SOLUTION	---	Pass Test	Pass
ASSAY	%	99.5 – 100.5	99.9
SULPHATE	PPM	≤150	<5
OXALATE	PPM	≤100	<5
HEAVY METALS (as Pb)	PPM	≤5	<1
BARIUM	---	PASS	PASS
CALCIUM	PPM	≤75	<10
IRON	PPM	≤5	<1
CHLORIDE	PPM	≤50	<5
SULPHATED ASH	%	≤0.05	0.02
MOISTURE	%	≤0.5	0.1
READILY CARBONISABLE SUBSTANCES	---	Not Darker than Standard	Pass
LEAD	PPM	≤0.5	<0.1
ARSENIC	PPM	≤1	<0.1
MERCURY	PPM	≤1	<0.1
ALUMINUM	PPM	≤0.2	<0.2
BACTERIA ENDOTOXIN	IU/MG	≤0.5	<0.1
ORGANIC VOLATILE IMPURITIES	---	Pass	Pass
TRIDODECYLAMINE	PPM	≤0.1	<0.1
ULTRAVIOLET ABSORBANCE	---	Pass	Pass

Conclusion: The product is in conformity with BP98