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# Certificate of Analysis

<b>Product</b>	<b>11505 - Ammonium Citrate Tribasic (Triammonium Hydrogen Citrate) extrapure AR, 98.5% - [3458-72-8]</b>
<b>Batch No</b>	<b>4668250</b>
<b>Analysis Date</b>	14-Oct-2023
<b>Date of Manufacture</b>	October 2023
<b>Expiry Date/Re-Test Date</b>	October 2028
<b>Molecular Formula</b>	C6H17N3O7
<b>Molecular Weight</b>	243.33

Test Parameters	Standards	Actual Results
Appearance (Colour)	A white	White
Appearance (Form)	Deliquescent powder	Deliquescent powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (Acidimetry)	min. 98.5%	98.9%
pH (5% aq. solution)	6.0 - 7.5	6.6
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO4)	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Oxalate (C2O4)	max. 0.01%	Passes
Copper (Cu)	max. 0.0001%	Passes
Potassium (K)	max. 0.003%	Passes
Sodium (Na)	max. 0.004%	Passes
Readily carbonisable substances	Passes test	Passes
Reducing Substances	Passes test	Passes

FRM/82/11/4/11505 Rev No. 2 Date 30/07/2022

Prepared by Prasad

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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1/1

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