

Sodium Citrate, Dihydrate, Crystal
AR® (ACS)



Material No.: 0754-12
Batch No.: 0000055747
Manufactured Date: 2012/07/02
Retest Date: 2019/07/01

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
ACS – Assay ($\text{HOC}(\text{COONa})(\text{CH}_2\text{COONa})_2 \cdot 2\text{H}_2\text{O}$)	$\geq 99.0 \%$	100.1
ACS – pH of 5% Solution at 25°C	7.0 – 9.0	8.6
ACS – Insoluble Matter	$\leq 0.005 \%$	< 0.005
ACS – Chloride (Cl)	$\leq 0.003 \%$	< 0.003
ACS – Sulfate (SO_4)	$\leq 0.005 \%$	< 0.005
ACS – Ammonia (as NH_3)	$\leq 0.003 \%$	< 0.003
ACS – Calcium (Ca)	$\leq 0.005 \%$	< 0.005
ACS – Heavy Metals (as Pb)	$\leq 5 \text{ ppm}$	< 5
ACS – Iron (Fe)	$\leq 5 \text{ ppm}$	< 5

For Laboratory, Research or Manufacturing Use
Appearance (colorless or white crystals)

Country of Origin: AT
Packaging Site: Paris Mfg Ctr & DC



Phillipsburg, NJ 9001:2008, 14001:2004
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 17025:2005
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008, 17025:2005
Panoli, India 9001:2008

Richard M Siberski
Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600
Avantor™ Performance Materials Inc.

3477 Corporate Parkway, Suite #200, Center Valley, PA 18034, U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610