

Zinc Sulfate, 7-Hydrate Granular
U.S.P. – F.C.C.



Material No.: 4384-QM
Batch No.: 0000175664
Manufactured Date: 2017/04/27
Retest Date: 2022/04/26

Certificate of Analysis

Meets F.C.C. Requirements, Meets U.S.P Requirements,
GMP Manufactured Product, Food GMP Manufactured Product

Test	Specification	Result
USP – Assay ($\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$)	99.0 – 108.7 %	100.0
USP – Identification A	Passes Test	PT
USP – Identification B	Passes Test	PT
USP – Acidity	Passes Test	PT
USP – Alkalies and Alkaline Earths	$\leq 0.5 \%$	< 0.2
USP – Arsenic (As)	$\leq 3 \text{ ppm}$	< 3
USP – Lead (Pb) (USP)	$\leq 0.002 \%$	< 0.002
FCC – Assay ($\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$)	99.0 – 108.7 %	100.0
FCC – Identification A	Passes Test	PT
FCC – Identification B	Passes Test	PT
FCC – Acidity	Passes Test	PT
FCC – Alkalies and Alkaline Earths	$\leq 0.5 \%$	< 0.1
FCC – Cadmium (Cd)	$\leq 2 \text{ mg/kg}$	< 2
FCC – Lead (Pb) (FCC)	$\leq 4 \text{ mg/kg}$	< 4
FCC – Selenium (Se)	$\leq 0.003 \%$	< 0.003
FCC – Mercury (Hg)	$\leq 5 \text{ mg/kg}$	< 5
FCC – Assay (dried basis)	55.6 – 61.0 %	56.1

Bulk Food Chemical

Bulk Pharmaceutical Chemical

CAUTION: For Manufacturing, processing or repackaging

No Class 1,2,3 or other solvents are used or produced in the manufacturing or purification of the product.

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

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

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Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC
Manufacturer: PBG
Manufacturer source batch: 0000171822



Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008
Panoli, India 9001:2008


Jamie Ethier
Vice President Global Quality

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