



Trafa Pharmaceutical Inc.

140 Padgette Street, Unit D

Chicopee, MA 01022, USA

Tel: 1-866-99-Trafa (87232) FAX: 1-800-627-1880

Sales@TrafaPharma.com www.TrafaPharma.com

SPECIFICATION SHEET ORTHOSILICIC ACID

Molecular formula: (HO-Si (OH) 2-OH); (H₄SiO₄)

Origin: USA

CAS # 10193-36-9

SPECIFICATIONS:

Test or Assay	Claim	Test Method
Si Content	12.0% - 15.0%	ICP
PH	3-4	USP
Color	Whit to Off White powder	Colorimeter/Visual
Loss on drying	Not more than 5%	Continuous 105° C Until Stable
Bulk Density	Report	USP
Particle Size	NLT 85% thru 60 Mesh	Rotap
Lead	Less than 1 ppm	Graphite Furnace AA
Arsenic	Less than 1ppm	Graphite Furnace AA
Mercury	Less than 1ppm	Cold Vapor AA

MICROBIOLOGICAL:

E. Coli	Negative	AOAC
Coliforms	Negative	AOAC
Salmonella	Negative	FDA/BAM
Staphylococcus Aureus	Negative	FDA/BAM
Total Plate Count	Less than 1000 cfu/g	AOAC
Yeast & Mold	Less than 100 cfu/g	AOAC

Packaging and Storage: Store in a cool, dry place

Note: The above information is based on the specification sheet received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :

Abdullah Malik (QA)