



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-239280 S
Lot Number: SAMPLE
Product Name: Barium zirconate
CAS Number: 12009-21-1
Molecular Formula: BaZrO_3
Molecular Weight: 276.55

Test	Result
Assay	BaO + SrO = 54.4% ZrO ₂ + HfO ₂ = 44.78%
Mesh Size	+325 mesh screen <0.00%
Particle Size	D50% = 1.23 μm
Tapped Density	80.50 lbs/cu.ft
Trace metal analysis	Al ₂ O ₃ - 0.034% CaO - 0.068% Fe ₂ O ₃ - 0.022% MgO - <0.001 Na ₂ O - 0.039% SiO ₂ - 0.16% SrO - 0.56% TiO _{2n} - 0.022%
Loss on Ignition	0.48%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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