

Certificate of Analysis

Barium titanate, 300 nm, 99.9% (metal basis)
Stock #: 1144DY

Components	Mol . ratio
BaO/TiO ₂ (mol.)	0.999-1.001
Components	Wt (%)
Ca	0.001
Fe	0.001
K	0.001
Mg	0.001
Na	0.001
Sr	0.019
Moisture (105 °C, 2 h)	0.11
Loss on ignition (1100 °C, 1 h)	0.27

Analytical techniques:

BaSO₄ weight method

X-ray fluorescence

Atomic absorption spectroscopy

Moisture analyzer

Thermal gravimetric analysis

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