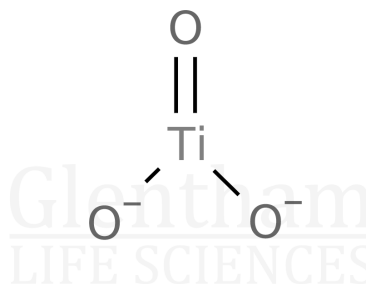


## Certificate of Analysis

Product Name	Barium titanate Nanopowder, 300nm, 99.9%
Glenthams Code	GX4484
CAS Number	12047-27-7
Batch Number	157JOG
Molecular Weight	233.24
Molecular Formula	BaTiO <sub>3</sub>
Storage Temp.	+20°C



Property	Specification	Batch 157JOG
Physical Description	White to almost white powder	Almost white powder
Specific Surface Area (BET)	2.5 - 4.5 m <sup>2</sup> /g	3.6m <sup>2</sup> /g
Average Particle Size	250 - 350 nm	300nm
Particle Morphology	Near spherical	Conforms
Loss on Ignition	≤ 2.0%	Conforms
Purity (Trace Metals Basis)	≥ 99.9%	Conforms

Specification Version	v1.0
Manufacture Date	2022-07-12
Re-Test Date	2030-06-14

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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