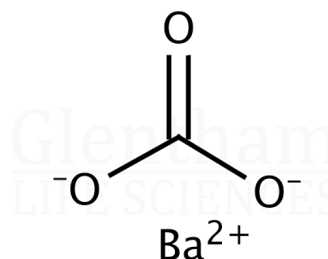


Certificate of Analysis

Product Name	Barium carbonate, 99%, ACS grade
Glentham Code	GX3602
CAS Number	513-77-9
EINECS	208-167-3
MDL Number	MFCD00003448
Batch Number	589UEN
Molecular Weight	197.35
Molecular Formula	BaCO ₃
Storage Temp.	+20°C



Property	Specification	Batch 589UEN
Physical Description	White to almost white powder	White powder
HCl Insoluble Matter	≤ 0.015%	0.005%
Chloride (Cl)	≤ 0.002%	< 0.001%
Total alkali (water soluble)	≤ 0.002meq/g	≤ 0.002meq/g
Oxidising substances (as NO ₃)	≤ 0.005%	< 0.005%
Sulfide (S)	≤ 0.001%	< 0.001%
Calcium (Ca)	≤ 0.05%	0.03%
Potassium (K)	≤ 0.005%	< 0.001%
Sodium (Na)	≤ 0.02%	< 0.01%
Strontium (Sr)	≤ 0.7%	0.2%
Heavy Metals (as Pb)	≤ 0.001%	< 0.001%
Iron (Fe)	≤ 0.002%	< 0.001%
Assay (Titration)	99.01 - 101.0 %	99.4%
Grade	ACS	Conforms

Specification Version	v1.0
Manufacture Date	2021-12-01
Re-Test Date	2030-08-29

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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