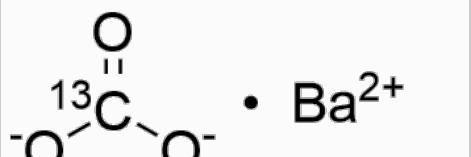




CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email:orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

Catalogue Number:	B118672	CAS Number:	51956-33-3
Product:	Barium Carbonate-13C	Synonym:	Carbonic-13C Acid Barium Salt;
Structure:		Molecular Formula:	$^{13}\text{CBaO}_3$
		Molecular weight:	198.33
		Source of Product:	N/A
		Solubility:	Aqueous Acid (Slightly), Water (Slightly)
Lot Number:	2023-QIU-040	Purity:	N/A
Shipping Condition:	This Product Is Stable To Be Shipped At Room Temperature	Storage Condition:	20°C

2. Warning

Warning 1: **Warning 2:** **Warning 3:**

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
Elemental Analysis	Conforms	%C: 5.95
FT-IR	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanel Chu	1/18/2023	1/16/2027

