

Technical data sheet

Product name: **Barium Carbonate**

Grade: **Laboratory**

Chemical formula: BaCO_3

Molar mass: 197.34 g/mol

Synonyms: Barium monocarbonate; Barium carbonate

General information	
Cas- No.	513-77-9
Ec-No.	208-167-3
Appearance	white solid
Boiling point	N/A
Melting point	>1300°C (decomposition)
Flash point	N/A
Spec.density	4.43 g/cm ³ (20°C)
Vapour pressure	N/A
Solub. In H ₂ O	0.02g/l (20°C)
Storage temp	+2°C to +30°C.
R:	22
S:	24/25

Specification	
Assay	99.0–101.0%
Insoluble in dilute hydrochloric acid	≤0.015%
Chloride	≤0.002%
Sulphide	≤0.001%
Heavy metals (as Pb)	≤0.001%
Iron	≤0.001%
Water-soluble titrable base	≤0.002 meq/g
Oxidizing substances (as NO ₃)	≤0.005%
pH value	7-8 (0.016g/l, H ₂ O, 16° C)
Bulk density	~350 kg/m ³

Symbol:



packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



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