

1801 – COBALT (II) CARBONATE BASIC, EXTRA PURE

REF NO: TBL/QA/SS/LC/1801	STANDARD SPECIFICATION FOR COBALT (II) CARBONATE BASIC, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 08/11/2024
Issue Date: 09/11/2021		Product code: 1801

PRODUCT PROPERTIES

C.A.S Number	12602-23-2
Chemical Formula	$\text{CoCO}_3 \cdot 3\text{Co(OH)}_6$
Formula weight	516.73
Functional Uses	Cobalt carbonate is a precursor to cobalt carbonyl and various cobalt salts. It is also a component of dietary supplements.
Standard Packaging	100 gm, 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Purple colour powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.005%
Sulphate (SO ₄)	NMT – 0.5%
Iron (Fe)	NMT – 0.1%
Assay (as Co)	NLT – 45.5%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

