

187 – CHROMIUM (III) NITRATE (Nona) EXTRA PURE

REF NO: TBL/QA/SS/LC/187	STANDARD SPECIFICATION FOR CHROMIUM (III) NITRATE (Nona) EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date:15/11/2021		Product code: 187

PRODUCT PROPERTIES

C.A.S Number	7789-02-8
Chemical Formula	$\text{CrN}_3\text{O}_9 \cdot 9\text{H}_2\text{O}$
Formula weight	400.15
Functional Uses	It is used in Synthesis of nanosized chromium (Cr_2O_3) oxide by thermal decomposition method
Standard Packaging	500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Bluish to dark violet shiny crystals.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.01%
Sulphate (SO_4)	NMT – 0.05%
Iron (Fe)	NMT – 0.05%
Assay	NLT – 97.0%

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

