

800– AMMONIUM CERIC SULPHATE (DIHYDRATE) EXTRA PURE

Ref No: TBL/QA/SS/LC/800	STANDARD SPECIFICATION FOR AMMONIUM CERIC SULPHATE (DIHYDRATE) EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 01/11/2024
Issue Date: 02/11/2021		Product code: 800

PRODUCT PROPERTIES

C.A.S Number	10378-47-9
Chemical Formula	CeH ₁₆ N ₄ O ₁₆ S ₄ .2H ₂ O
Formula weight	632.55
Functional Uses	The product may be used to initiate the radical polymerization of pectin-poly(ethylene glycol) methacrylate (PEGMA) supracmolecular hydrogels. Ammonium cerium sulphate impregnated starch may be carbonized to form cerium dispersed carbon (CeDC) sorbent used for the extraction of excess fluoride in drinking water.
Standard Packaging	100 gm, 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Orange colour crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT - 0.08%
Sulphate (SO ₄)	NMT – 0.02%
Assay	NLT – 98.0%

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

