

699– POTASSIUM TETRAOXALATE (DIHYDRATE)

REF NO: TBL/QA/SS/LC/699	STANDARD SPECIFICATION FOR POTASSIUM TETRAOXALATE (DIHYDRATE)	Rev. No: 03
Issue No: 04		Review Date: 27/10/2024
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PRODUCT PROPERTIES

C.A.S Number	6100-20-5
Chemical Formula	$C_4H_3KO_8 \cdot 2H_2O$
Formula weight	254.19
Functional Uses	Potassium tetraoxalate dihydrate is a certified secondary standard reference material used as a calibration buffer standard for pH instruments or pH electrodes.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Dehydrate colourless crystals
Solubility	Soluble in water, slightly soluble in alcohol

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Ammonia	NMT – 0.01%
Heavy metal	NMT – 0.005%
Chloride	NMT – 0.005%
Sulphate	NMT – 0.01%
Assay	NLT – 98.5%

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

