

392 – POTASSIUM HYDROGEN SULPHATE, AR GRADE

REF NO: TBL/QA/SS/LC/392	STANDARD SPECIFICATION FOR POTASSIUM HYDROGEN SULPHATE, AR GRADE	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	7646-93-7
Chemical Formula	KHSO ₄
Formula weight	136.17
Functional Uses	As a promoter for the synthesis of 3,4-dihydropyrimidin-2(1H)-one derivatives via Biginelli reaction in ethylene glycol
Standard Packaging	500 gm. & 50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Opaque White mass or white crystalline powder.
Solubility (10% Soln.)	Solution in water is clear

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.002%
Ammonium (NH ₄)	NMT – 0.003%
Iron (Fe)	NMT – 0.003%
Assay (Acidimetry)	NLT – 99.0%

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

