



Product Specification

cdhfinechemical.com

POTASSIUM IODIDE AR/ACS

PRODUCT CODE	614465	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7681-11-0)	
ATOMIC OR MOLECULAR FORMULA	KI	KI
ATOMIC OR MOLECULAR WEIGHT	166.00	
PROPERTIES	On long exposure to air becomes yellow due to liberation of iodine.	
PARAMETER	LIMIT	
Description	Colourless or white crystals or crystalline powder or granules.	
Solubility	10% Solution in water is clear & colourless.	
Identification	Passes test.	
Minimum Assay (oxidimetric; after drying)	99.0-102.0%	
pH (5% in water at 25°C)	6.0-9.2	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (150°C at 6hr)	0.5%	
Insoluble matter	0.005%	
Chloride & bromide (Cl)	0.01%	
Phosphate (PO ₄)	0.001%	
Sulphate (SO ₄)	0.005%	
Barium (Ba)	0.002%	
Calcium (Ca)	0.002%	
Iodate (IO ₃)	0.0003%	
Iron (Fe)	0.0003%	
Heavy metals (as Pb)	0.0005%	
Magnesium (Mg)	0.001%	
Sodium (Na)	0.005%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING Hazard statements :Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ---		IMDG Code : UN No. : IATA :
Disposal:Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		
Hazard Pictogram(s) :--		

Replace date 07-Nov-2025