

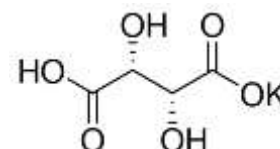


# Product Specification

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## POTASSIUM HYDROGEN (+) TARTRATE

PRODUCT CODE	029626
SYNONYMS	(Potassium L- tartrate monobasic, Potassium hydrogen L - tartrate, Potassium bitartrate, Cream of tartar)
C.I. NO.	--
CASR NO.	(868-14-4)
ATOMIC OR MOLECULAR FORMULA	C <sub>4</sub> H <sub>5</sub> KO <sub>6</sub>
ATOMIC OR MOLECULAR WEIGHT	188.18
PROPERTIES	Pleasant acidulous taste.
PARAMETER	LIMIT
Description	A white crystalline powder
Solubility	4% solution in hot water is clear and colourless.
Identification (By FTIR)	Conforms.
Identification (As per FCC)	Passes test.
Minimum Assay (Alkalimetric, on dried substance)	99.0%
Specific optical rotation ( $\alpha$ ) $\frac{20}{D}$ (C=10% in 1M NaOH)	+32.0 $\pm$ 1.0°
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying at 110°C	0.5%
Insoluble matter	Passes test.
Chloride (Cl)	0.05%
Sulphate (SO <sub>4</sub> )	0.1%
Note(s) : Assay (if applicable) method mentioned.	
WARNING	IMDG Code :
Hazard statements : Not hazardous. No hazards.	UN No. :
Precautionary statements	IATA :
Prevention: -----	
Response: ---	
Disposal : Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amount of water .Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.	
Hazard Pictogram(s) :--	



Replace date 23-Sep-2025