

Potassium Gluconate

ITEMS	STANDARD
Description	White crystals powder or granules
Identification	Meets the requirements
Organic volatile	Meets the requirements
Loss on drying, %	3.0 max (Anhydrate)
	6.0-7.5 (Monohydrate)
Reducing substances, %	1.0 max
Assay, %	97.0-103.0
Heavy metals, %	0.002 max
Conclusion Compiles with the requirements of USP28Ed	

Chemical Name: Potassium Gluconate

Molecular Formula: C₆ H₁₁ KO₇ Anhydrous C₆ H₁₁ KO₇ · H₂ O Monohydrate

Molecular Weight: 234.25 Anhydrous 252.26 Monohydrate

CAS No.: 299-27-4 Monohydrate 35398-15-3 Anhydrous

Specification: USP/FCC/BP grade

Characters: Occurs as a white or yellowish white, crystalline powder or granules. It is anhydrous or the monohydrate. It is freely soluble in water and in glycerin, slightly soluble in alcohol, and insoluble in ether.

Application: Nutrient:Critical to healthy cardiovascular function;Stabillizes blood pressure, regulates heart rhythm;Affects health of nervous system and muscle contractions;
Regulates water balance and alkalinity of body fluids as well as the transfer of nutrients to cell.
Potassium nutrition enhancer: Used in diary products and compound low-Na salt.

Package: 25Kg Fiber drum or all paper drum or kraft paper bag