

Product Specification

Product Name:

di-POTASSIUM HYDROGEN PHOSPHATE ANHYDROUS PH ExciPur

According to monographs: USP-NF 2022

Standard GMP Grade: PARENTERAL USE USP

Product No.: PSR47618
Brand: PureSynth
CAS No.: 7758-11-4
Molecular Formula: K_2HPO_4
Molecular Weight: 174.18 g/mol



Test	Specification
Appearance	White Solid
Assay (dried basis) (USP)	98.0 – 100.5 %
Loss on drying at 105°C	NMT 1.0 %
Identification Test A (USP)	Complies
Identification Test B (USP)	Complies
pH of a 5% solution (25°C) (USP)	8.5 – 9.6
Water-insoluble matter	NMT 0.2 %
Chloride (Cl)	NMT 0.03 %
Sulphate (SO ₄)	NMT 0.1 %
Mono- and tribasic salt	Complies
Iron (Fe)	NMT 30 ppm
Sodium (Na)	Complies
Fluoride (F)	NMT 0.001 %
Carbonate (CO ₃)	Complies
Arsenic (As)	NMT 3.0 ppm
Aluminium (Al)	NMT 2.0 ppm
Bacterial endotoxins test (BET)	NMT 0.1 IU/mg

Specification: EP-1.0-QA/003

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com