

SPECIFICATION SHEET



PRODUCT DETAILS

Potassium Dihydrogen orthophosphate (Potassium phosphate monobasic) AR

CAS No	7778-77-0
Molecular Formula	136.08
Molecular Weight	KH ₂ PO ₄
Product Code	700283G500
Grade	AR/ACS
Specification no	700283/R1/154
Effective date	19-01-2026
Review date	18-01-2031

TEST

SPECIFICATION

Appearance	White crystalline powder.
Appearance of solution	33g in 100ml at 25°C
Assay (Dried basis)	Min 99.0%
pH (5% aqueous solution)	4.1 - 4.5
Insoluble matter	max 0.01%
Loss on Drying(105°C)	max 0.2%
Chloride(Cl)	max 0.001%
Sulphate(SO ₄)	max 0.003%
Calcium(Ca)	max 0.01%
Magnesium(Mg)	max 0.005%
Sodium(Na)	max 0.005%
Iron(Fe)	max 0.002%
Heavy metals	max 0.0005%

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