Glentham

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

- t: +44 (0) 1225 667 798
- f: +44 (0) 2033 978 909
- e: info@glentham.com

w: www.glentham.com

Product Datasheet

GK7412 - di-Potassium hydrogen phosphate, anhydrous, Ph. Eur. grade

Product Details

Product Name	di-Potassium hydrogen phosphate, anhydrous, Ph. Eur. grade
Glentham Code	GK7412
CAS Number	7758-11-4
EINECS	231-834-5
MDL Number	MFCD00011383
Related Categories	Buffers, Inorganics, Metal Salts

Structure

Molecular Weight : 174.18 Molecular Formula : K₂HPO₄

> О || HO ~ Р _ O- К+

 K^+

Glentham Product Specification

Physical Description	:	White or almost white crystalline powder, very hygroscopic
Identification	:	A, B, C according to Ph. Eur.
Solubility (10% in water)	:	Clear, colourless solution
Reducing Substances	:	To pass test
Monopotassium phosphate	:	≤ 2.5%
Chlorides	:	≤ 200ppm
Sulphates	:	≤ 0.1%
Arsenic	:	≤ 2ppm
Iron	:	≤ 10ppm
Loss on Drying	:	≤ 2.0%
Assay	:	98.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	:	Ph. Eur.
Version	:	v1.2

About di-Potassium hydrogen phosphate,

anhydrous, Ph. Eur. grade

Dipotassium hydrogen phosphate (dipotassium phosphate) is a commonly used buffering agent and food additive, used as a source of phosphate in a variety of applications including cell culture and food analysis.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP. Not classified as dangerous for transport.

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