

Product Datasheet

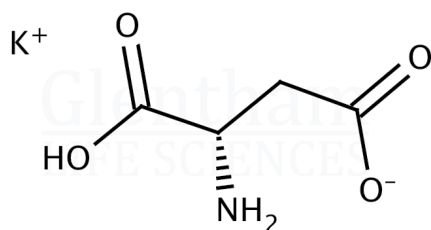
GM1291 - Potassium hydrogen aspartate hemihydrate, EP grade

Product Details

Product Name	Potassium hydrogen aspartate hemihydrate, EP grade
Glenthams Code	GM1291
CAS Number	1115-63-5
EINECS	214-226-4
MDL Number	MFCD00063085
Additional CAS	14007-45-5
Related Categories	Amino Acids

Structure

Molecular Weight	: 171.19 (anhydrous)
Molecular Formula	: $C_4H_6KNO_4 \cdot xH_2O$



Physical Description	: White to almost white crystalline powder, or colourless crystals
Specific Optical Rotation	: +18.0 - +20.5 ° (anhydrous substance)
Identification (TLC)	: To pass test
Identification	: Reaction of potassium: To pass test
Solubility (2.5% in water)	: Clear, colourless solution
pH (2.5% in water)	: 6.0 - 7.5
Ninhydrin-positive substances	: To show two principle spots
Ninhydrin-positive substances	: ≤ 0.5% (any individual)
Chlorides	: ≤ 200ppm
Sulphates	: ≤ 500ppm
Ammonium (NH4)	: ≤ 200ppm
Iron (Fe)	: ≤ 30ppm
Water	: 4.0 - 6.0 %
Assay	: 99.0 - 101.0 % (anhydrous substance)
Pharmacopoeia Specification(s)	: EP
Version	: v1.0

About Potassium hydrogen aspartate hemihydrate, EP grade

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

Glenthams Product Specification

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