



D(+)-Glucosio anidro EPR, 500 g

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Product codes:

Reference: 71 899 2606

Product gallery:



Product description:

D(+)-Glucosio anidro EPR

C6H12O6

Destrosio, D-Glucopiranosio

M.W: 180,16 CAS: 50-99-7 EC: 200-075-1 TARIC: 17023050

P: P102-P202

Appearance ? White crystalline powder

Solubility ? Freely soluble in water, sparingly soluble in ethanol (95 %)

Identification A ? When heated it melts, swells up and burns and an odour of burnt sugar is perceptible

Identification B ? A copious red precipitate is formed with potassium cupri tartrate solution

Appearance and odour of solution ? Solution is clear not more intensely coloured than reference solution BYS7 and odourless

Acidity or alkalinity ? NMT 0.15 ml of 0.1M NaOH is required to change the colour of solution to pink

Specific optical rotation 52.5 – 53.3°

Arsenic (As) ? 0.0001%

Heavy metals ? 0.0005%

Chloride (Cl⁻) ? 0.0125%

Sulphite ? To pass IP test

Barium (Ba) ? To pass IP test



Foreign sugars, soluble starch and dextrans ? To pass IP test

Sulphated ash ? 0.1%

Water (H₂O) ? 1.0%

Bacterial endotoxin ? Not more than 0.5 Endotoxin unit/ ml of a 5 % w/v solution

Product features:

RGT - GRADO: EPR - Extra Pure

RGT - FAMIGLIA: Basicchem

RGT - TYP: reagenzien

RGT - ANWENDUNGEN IN DER CHEMIE: bottiglia di plastica

RGT - CAPACITA': 500gr