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-CERTIFICATE OF ANALYSIS-

Product: D-Ribose 5-phosphate, disodium salt

Code No: BIB6268

CAS No: 18265-46-8

Formula: $C_5H_9O_8P.2Na$

Batch No: AS450296

Appearance: Slightly yellow crystalline powder

Colour of solution: Colourless (5% in water)

Turbidity: 0.2 NTU (1% in water)

Water content: 9.4% (KF)

Perchloric acid titration: 85.6% (0.1mol/L)

UV transmittance: 95.6% (1% in water at 430nm)

pH-value: 7.1 (1% in water)

Inorganic phosphate: 1.8%

Chlorine content: 0.5%

FT-IR Spectrum: Corresponds to reference spectrum

Verified by: David Parton

Signed:

Date: 12th December 2014