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-CERTIFICATE OF ANALYSIS-

Product:	7-Aminocephalosporanic acid
Code No:	BIA4007
CAS No:	957-68-6
Batch No:	AS448834
Appearance:	Slightly off-white crystalline powder
Colour of solution:	Slightly yellow (1% in 0.1mol/L NaOH)
Turbidity:	0.9 NTU (1% in 0.1mol/L NaOH)
Loss on drying:	0.4% (60°C, 3 hours, vacuum)
Specific rotation $[\alpha]_D$:	90.7° (c=0.5 in $\text{KH}_2\text{PO}_4/\text{NaOH}$ buffer pH 7.0, 20°C)
pH-value:	3.6 (c=0.5 in water)
Perchloric acid titration:	99.6% (0.1mol/L)
Purity:	96.4% (HPLC)
FT-IR Spectrum:	Corresponds to reference spectrum

Verified by: David Parton

Signed:

Date: 29th January 2014