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-CERTIFICATE OF ANALYSIS-

Product:	L-Cystine
Code No:	BIC0670
CAS No:	56-89-3
Formula:	$C_6H_{12}N_2O_4S_2$
Batch No:	AS435645
Specific rotation $[\alpha]_D^{20}$:	-222.27°
Chloride (Cl):	<0.020%
Ammonium (NH ₄):	<0.02%
Sulfate (SO ₄):	<0.020%
Iron (Fe):	<20ppm
Heavy metals (Pb):	<10ppm
Arsenic (As ₂ O ₃):	<1ppm
Other amino acids:	Conforms
Loss on drying:	0.15%
Residue on ignition:	0.06%
Assay:	99.71%
pH:	5.73%

Verified by: David Parton

Signed:

Date: 17th January 2014