

SITE: Washington Road, Goldthorpe	Job No. 38885	Date 30/09/2015
SUBJECT: Mean Value Test for Lead	Prepared ECM	Checked KE

The method uses the geometric mean rather than the arithmetic mean which is used for other contaminants.

Results mg/kg	Sample	Log Results
114.00	TP2 0.3m	2.057
55.00	TP3 0.1m	1.740
243.20	TP4 0.2m	2.386
115.00	TP6 0.4m	2.061

Calculations based on log results

Number of results : n = 4
 Mean : X = 2.061
 Standard deviation : s = 0.264
 T value : t = 2.353
 Corrected mean (95% confidence) =
 = $X + t * s / n^{0.5}$ = 2.371

Final results

Mean : X = 115 mg/kg

Corrected mean (95% confidence) = 235 mg/kg