Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 16145-QC-PR12467

Product Type: Soil

Issue Date: 29 April 2026

Expiry Date: 1 March 2029

Test Name	n Values	Assigned Value	Assigned Range
1/3 Bar Moisture (%)	4 *	14.475	11.297 - 17.653
15 Bar Moisture (%)	3 *	5.033	4.217 - 5.849
Clay <0.002mm (%)	17	9.329	1.358 - 17.299
Sand (%) 0.02mm - 2mm	12	72.011	55.241 - 88.780
Sand (%) 0.063mm - 2mm	10	42.338	34.705 - 49.971
Silt (%) 0.002mm - 0.02mm	12	18.923	14.183 - 23.662
Silt (%) 0.002mm - 0.063mm	12	45.760	30.373 - 61.147

** n Values < 8 are indicative only and should be used with caution*

Homogeneity: This QC material has been assessed as homogeneous for use in an Inter-Laboratory Proficiency Study

Stability: An expiry period consistent with the shelf life of the product, experience, and technical advice has been applied

Values: The *Assigned Value* is the consensus mean from an inter-laboratory proficiency round excluding outliers; *n Values* are the number of results used to calculate the assigned value. The *Assigned Range* is 2 standard deviations of *n*

Methods: Multiple methods were used in the preparation of these assigned values.

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