# Inter-laboratory Quality Control Material Data Sheet

**QC Material ID:** 13850-QC-PR11660

**Product Type:** Super Phosphate

**Issue Date:** 9 January 2025

**Expiry Date:** 7 August 2028

| Test Name | n Values | Assigned Value | Assigned Range |
|---|---|---|---|
| Ammonium Citrate P (g/100g) | 6 * | 8.43 | 7.43 - 9.43 |
| Cadmium (mg/kg) | 7 * | 21.40 | 18.95 - 23.85 |
| Calcium (g/100g) | 7 * | 21.28 | 20.06 - 22.50 |
| Citric Acid Soluble P (g/100g) | 7 * | 7.99 | 7.65 - 8.34 |
| Fluoride (%) | 9 | 2.32 | 2.20 - 2.44 |
| Free Acid (as H3PO4) (g/100g) | | | - |
| Free Acid (as P) (g/100g) | 6 * | 0.09 | 0.05 - 0.13 |
| Moisture (g/100g) | 9 | 3.54 | 2.52 - 4.57 |
| Sulphate-Sulphur(as S)(g/100g) | 9 | 11.17 | 10.52 - 11.82 |
| Total Phosphorus (g/100g) | 12 | 9.29 | 8.98 - 9.61 |
| W-Soluble Phosphorus (g/100g) | 9 | 7.31 | 7.07 - 7.54 |

** 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 Values*.




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*Version 2*

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

