

IPE Reference Material - Sorghem (plant) / Sorghum bicolor - N 15 enriched material

Art. ID WEPAL-IPE-206
Unit 20 g
Deliverydetails No Dangerous Good /not restricted

Description

International Plant-Analytical Exchange (IPE) / The Wageningen Evaluating Programme for Analytical Laboratories (WEPAL) / Origin: Seibersdorf Austria / Last period: 2015.3

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|-------|---------------------------------------|--------|
| Consensus Value | Arsenic (As) | [7440-38-2] | 64,9 ± 12,5 | µg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Barium (Ba) | [7440-39-3] | 4,78 ± 0,414 | mg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Calcium (Ca) | [7440-70-2] | 3 ± 0,251 | g/kg | Inorganic Chemical C omposition | |
| Consensus Value | Cadmium (Cd) | [7440-43-9] | 53,7 ± 8,01 | µg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Chlorine (Cl) | [7782-50-5] | 2,23 ± 0,22 | g/kg | Inorganic Chemical C omposition | |
| Consensus Value | Cobalt (Co) | [7440-48-4] | 67,1 ± 12,1 | µg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Chromium (Cr) | [7440-47-3] | 810 ± 162,1 | µg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Copper (Cu) | [7440-50-8] | 2,35 ± 0,41 | mg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Iron (Fe) | [7439-89-6] | 162 ± 16 | mg/kg | Inorganic Chemical C omposition | |
| Consensus Value | Potassium (K) | [7440-09-7] | 9,59 ± 0,708 | g/kg | Inorganic Chemical C | |

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|-----------------|-----------------|-------------|---------------|-------|---------------------------------------|
| Consensus Value | Magnesium (Mg) | [7439-95-4] | 1,05 ± 0,074 | g/kg | Inorganic Chemical C omposition |
| Consensus Value | Manganese (Mn) | [7439-96-5] | 21 ± 1,7 | mg/kg | Inorganic Chemical C omposition |
| Consensus Value | Molybdenum (Mo) | [7439-98-7] | 216 ± 32,4 | µg/kg | Inorganic Chemical C omposition |
| Consensus Value | Kjeldahl as N | | 5,28 ± 0,45 | g/kg | Inorganic Chemical C omposition |
| Consensus Value | Phosphorus (P) | [7723-14-0] | 1,22 ± 0,088 | g/kg | Inorganic Chemical C omposition |
| Consensus Value | Lead (Pb) | [7439-92-1] | 224 ± 54,7 | µg/kg | Inorganic Chemical C omposition |
| Consensus Value | Sulfur (S) | [7704-34-9] | 0,65 ± 0,0614 | g/kg | Inorganic Chemical C omposition |
| Consensus Value | Selenium (Se) | [7782-49-2] | 27,2 ± 5,64 | µg/kg | Inorganic Chemical C omposition |
| Consensus Value | Strontium (Sr) | [7440-24-6] | 9,21 ± 0,658 | mg/kg | Inorganic Chemical C omposition |
| Consensus Value | Zinc (Zn) | [7440-66-6] | 12,5 ± 1,44 | mg/kg | Inorganic Chemical C omposition |