THE
CHEMICAL COMPONENTS
OF CREMATED REMAINS

The results provided, with the exception of Phosphate and Sulfate, are presented as the element. However, in the body these elements are present as apart of a variety of organic and inorganic compounds. Upon cremation, most of the organic compounds are converted to the metal oxide. Depending on the conditions of cremation, some may also be converted to carbonates. The inorganic compounds may remain as phosphates, sulfates, chlorides or carbonates, or may be partially converted to oxides. The carbon from the carbonates and the oxygen from the oxides and carbonates are not included in the date presented. Those elements are not determined by the testing procedures used for this report.

The precision of the testing procedure used is +/-10% of the reported value, i.e. Phosphate reported as 47.5% may be 42.8 to 52.2%

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* PHOSPHATE	47.5%
* CALCIUM	25.3%
* SULFATE	11.00%
* POTASSIUM	3.69%
* SODIUM	1.12%
* CHLORIDE	1.00%
* SILICA	0.9%
* ALUMINUM OXIDE	0.72%
* MAGNESIUM	0.418%
* IRON OXIDE	0.118%
* ZINC	0.0342%
* TITANIUM Oxide	0.0260%
* BARIUM	0.0066%
* ANTIMONY	0.0035%
* CHROMIUM	0.0018%
* COPPER	0.0017%
* MANGANESE	0.0013%
* LEAD	0.0008%
* TIN	0.0005%
* VANADIUM	0.0002%
* BERYLLIUM	<0.0001%
* MERCURY	<0.00001%