

TECHNICAL DATA SHEET

BONE ASH (DRY-GROUND)

PRODUCT CODE 3412

- Calcined, ground animal bones used as a flux in bone china and some glazes.
- Produces very high whiteness and translucency.
- The essential constituent used to produce translucency in bone china bodies.
- A secondary flux in glazes and occasionally used as an opacifier.

Typical XRF Analysis (% by wt)

as determined by an independent UKAS accredited laboratory:

Silica (SiO ₂)	0.52
Titania (TiO ₂)	<0.03
Alumina (AL ₂ O ₃)	0.39
Ferric Oxide (Fe ₂ O ₃)	<0.03
Lime (CaO)	53.59
Magnesia (MgO)	1.18
Potash (K ₂ O)	0.05
Soda (Na ₂ O)	0.93
Phosphorus Pentoxide (P ₂ O ₅)	41.40
Lead Oxide (PbO)	<0.03
Barium Oxide (BaO)	<0.03
Loss of Ignition at 1200°C	1.11