

Technical Data Sheet.
Tungsten (VI) Oxide Technical Grade (WO₃)

Tungsten (VI) oxide, also known as tungsten trioxide or tungsten anhydride, is a chemical compound of oxygen and the transition metal tungsten with the formula WO₃.

Tungsten trioxide is a starting material for the synthesis of tungstate and for use in other fields (fire-resistant fabrics, gas and humidity sensors, ceramic glazes, electrochromic glass).

Typical Chemical Composition:

Component	Content [%]
WO₃ oxide	not less than 98
Aluminium	Al not more than 0.1
Arsenic	As not more than 0.0001
Bismuth	Bi not more than 0.0001
Calcium	Ca not more than 0.3
Cadmium	Cd not more than 0.0001
Cobalt	Co not more than 0.001
Chromium	Cr not more than 0.5
Copper	Cu not more than 0.001
Iron	Fe not more than 0.15
Sulphur	S not more than 0.015
Manganese	Mn not more than 0.005
Molybdenum	Mo not more than 0.05
Nickel	Ni not more than 0.02

