

# Description of end product: scandium oxide (99,9%)



**Sc<sub>2</sub>O<sub>3</sub>**

	Mass fraction, %
<b>Scandium oxide(Sc<sub>2</sub>O<sub>3</sub>)</b>	<b>99,9</b>
<b>Impurities, including</b>	<b>0,1</b>
<i>Ferrous oxide (Fe<sub>2</sub>O<sub>3</sub>)</i>	<i>0,003</i>
<i>Copper oxide (Cu<sub>2</sub>O)</i>	<i>0,005</i>
<i>Rear-earth metal oxides (REM Oxides)</i>	<i>0,010</i>
<i>Zirconium oxide (ZrO<sub>2</sub>)</i>	<i>0,007</i>
<i>Titanium oxide (TiO)</i>	<i>0,005</i>
<i>Other</i>	<i>0,070</i>

TU 95.148-77

**Scandium oxide fully complies with requirements of further production:**

- Aluminum-scandium ligatures;
- metal scandium;
- solid oxide fuel elements for electrochemical current generators.