

# CER-(IV)-AMMONIUM NITRATE $(NH_4)_2Ce(NO_3)_6 \cdot nH_2O$

**Properties**

Orange powder, crystalline

**Application**

- Chrome etchants
- Electronic industry



**Chemical analysis**

	standard grade	high grade
<b><u>Dry substance</u></b>		
Content of Cer(IV) Ammonium-Nitrate (dried at 110°C)	min. 98,0 %	min. 99,0 %
Fe <sub>2</sub> O <sub>3</sub>	< 20 ppm	< 5 ppm
CaO	< 20 ppm	< 5 ppm
K <sub>2</sub> O	< 15 ppm	< 3 ppm
<b><u>Material base</u></b>		
TREO*	typ. 30,0 %	typ. 30,0 %
Moisture	max. 2,0 %	max. 2,0 %
pH-Value (Solution H <sub>2</sub> O)	< 1	< 1

\*TREO = Total Rare Earth Oxide

**Physical parameters**

	standard grade	high grade
Solubility H <sub>2</sub> O	clear soluble	clear soluble

**Form of delivery**

Product available as crystal or solution.

**Packing**

- Steeldrums with 35 , 50 resp. 100 kgs net
- Other packing on request