

YTTRIUM ACETATE $Y(CH_3COO)_3 \cdot 4H_2O$

Properties

White crystalline powder, soluble in water

Application

- Manufacture of special optical glasses
- Process catalysts
- Dopants for electroceramics



Chemical analysis

| | 99,9 % | 99,99 % | 99,999 % |
|--------------------------------|-------------|--------------|---------------|
| <u>Material base</u> | | | |
| TREO* | typ. 33,0 % | typ. 33,0 % | typ. 33,0 % |
| Fe ₂ O ₃ | < 20 ppm | < 10 ppm | < 2 ppm |
| CaO | < 30 ppm | < 10 ppm | < 5 ppm |
| Na ₂ O | < 30 ppm | < 10 ppm | < 5 ppm |
| SiO ₂ | < 100 ppm | < 30 ppm | < 5 ppm |
| Al ₂ O ₃ | < 150 ppm | < 50 ppm | < 5 ppm |
| K ₂ O | < 30 ppm | < 10 ppm | < 5 ppm |
| <u>TREO base</u> | | | |
| Y ₂ O ₃ | min. 99,9 % | min. 99,99 % | min. 99,999 % |
| Total remaining RE-Oxides | max. 0,1 % | max. 100 ppm | max. 10 ppm |

*TREO = Total Rare Earth Oxide

Form of delivery

Product available as crystal or solution

Packing

- Plastic boxes with 1, 5 or 10 kgs net
- Plastic or steeldrums with 25 kgs resp. 50 kgs net
- Other packing on request