

**Ammonium cerium(IV) sulfate dihydrate, EssentQ®****Identification**

$(\text{NH}_4)_4[\text{Ce}(\text{SO}_4)_4] \cdot 2\text{H}_2\text{O}$   
M = 632,56 g/mol  
CAS [10378-47-9]  
EC number: 231-567-4  
Taric code: 2846 10 00

**Synonyms**

Ceric ammonium sulfate, tetra-Ammonium-tetrasulfatocerate (IV)

**Applications**

for the synthesis of: inorganic salts, for determination of: cerium.

**Specifications**

assay (oxidimetric)..... min. 95 %

**Physical data**

- Appearance: crystals, powder or granulated powder, orange
- Bulk density: ~ 800 kg/m<sup>3</sup>
- Solub. in water: (20 °C): hydrolysis reaction
- pH(100 g/l H<sub>2</sub>O, 20 °C) ~ 1,2

**Transport/storage**

- 10°C - 30°C