

Chem-Impex International, Inc.

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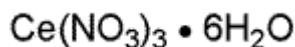
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



| | |
|--------------------------|--|
| Catalogue Number | 35464 |
| Product | Cerium(III) nitrate hexahydrate Cerous nitrate hexahydrate |
| CAS Number | 10294-41-4 |
| Molecular Formula | $Ce(NO_3)_3 \cdot 6H_2O$ |
| Molecular Weight | 434.22 |

| | |
|-------------------------------|--|
| Appearance | White crystalline powder |
| Anion | Si : ≤ 30 ppm |
| Purity | $\geq 99\%$ (Metals basis) |
| Storage | Store at RT |
| Additional Information | Na+K : ≤ 50 ppm, Mg : ≤ 10 ppm, Al : ≤ 20 ppm, Ca : ≤ 50 ppm, Sc : ≤ 5 ppm, Ti : ≤ 2 ppm, V : ≤ 2 ppm, Cr : ≤ 2 ppm, Mn : ≤ 2 ppm, Fe : ≤ 30 ppm, Ni : ≤ 5 ppm, Cu : ≤ 5 ppm, Zn : ≤ 5 ppm, Y : ≤ 20 ppm, La : ≤ 100 ppm, Pr : ≤ 100 ppm, Nd : ≤ 100 ppm, Sm : ≤ 30 ppm, Eu : ≤ 30 ppm, Gd : ≤ 50 ppm, Tb : ≤ 30 ppm, Dy : ≤ 50 ppm, Ho : ≤ 30 ppm, Er : ≤ 50 ppm, Tm : ≤ 30 ppm, Yb : ≤ 30 ppm, Lu : ≤ 10 ppm, Pb : ≤ 0.1 ppm, Bi : ≤ 0.1 ppm, Th : ≤ 0.1 ppm, U : ≤ 0.1 ppm CeO ₂ : $\geq 39\%$ |

For Laboratory Use Only