

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Ytterbium nitrate pentahydrate**  
Specifications & Purity: 99.9% metals basis  
SKU #: **Y100517**

| Parameter   | Limit Values                         |
|---|--------------------------------------|
| Water by Karl Fischer                             | 18-22 (%)                            |
| Y(Complexiometric EDTA)                           | 37.4-39.7 (%)                        |
| Purity(Based On Trace Rare Earth Analysis)        | 99.9-100 (%)                         |
| Trace Rare Earth Analysis(by ICP Atomic emission) | 0-1500 (ppm)                         |
| Appearance (Y100517)                              | White Powder, Crystals and/or Chunks |
| ICP:Confirms Ytterbium component                  | Confirmed                            |
| X-Ray Diffraction                                 | Conforms to Structure                |