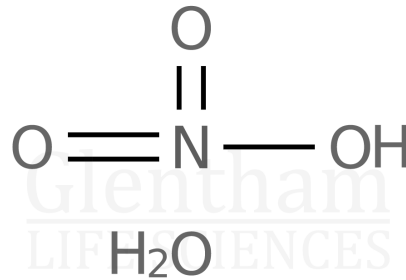


Certificate of Analysis

Product Name	Ytterbium nitrate hydrate, 99.99%
Glentham Code	GX9000
CAS Number	35725-34-9
Batch Number	025AHT
Molecular Weight	359.05
Molecular Formula	$\text{Yb}(\text{NO}_3)_3 \cdot x\text{H}_2\text{O}$
Storage Temp.	+20°C



Yb

Property	Specification	Batch 025AHT
Physical Description	White or almost white crystalline powder or crystals	White crystalline powder
Trace Rare Earth Analysis	Reported	(max, ppm) La2O3: 5, CeO2: 5, Pr6O11: 5, Nd2O3: 5, Sm2O3: 5, Eu2O3: 5, Gb2O3: 5, Tb4O7: 5, Dy2O3: 5, Ho2O3: 6, Er2O3: 7, Tm2O3: 10, Lu2O3: 6, Y2O3: 5
Purity	≥ 99.99% (TREO basis)	≥ 99.99%

Specification Version	v1.0
Manufacture Date	2020-06-18
Re-Test Date	2029-08-07

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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