

PRODUCT SPECIFICATION



PRODUCT SPECIFICATION	
Product Code	YB4981
Product Name	Ytterbium 2,4-pentanedionate
CAS Number	14284-98-1
Molecular formula	$\text{YbC}_{15}\text{H}_{21}\text{O}_6 \cdot x\text{H}_2\text{O}$
Linear formula	$\text{Yb}(\text{CH}_3\text{COCHCOCH}_3)_3 \cdot x\text{H}_2\text{O}$ (x = 1 - 3)
Molecular weight	470.37
Form	solid



TEST SPECIFICATION	
Assay (purity)	98%+
Purity method	by titration
Metal purity	99.9%-Yb
Appearance	white powder
Titration	%Yb=33.0-35.4
Titration notes	complexometric

For available packaging options or alternative purify grades, please contact our technical services.



700 N Progress Dr, Saukville, WI 53080, USA
T +1.920.234.2322 **F** +1.678.619.2020

W www.ereztech.com
E info@ereztech.com

The offered information is intended to be used by technically qualified personnel at their discretion and risk. The current Specification sheet may be available at ereztech.com. Purchaser must determine the suitability of the product for its particular use.