

Headquarters

11555 Medlock Bridge Rd, #100 Johns Creek, GA 30097, USA T: +1.888.658.1221; F:+1.678.619.2020 T: +1.920.234.2322 F:+1.678.619.2020

Manufacturing site 410 Forest Avenue Sheboygan Falls, WI 53085, USA

E: info@ereztech.com W: https://www.ereztech.com

PRODUCT SPECIFICATION

, C_H_	Product Name	Gadolinium(III) acetylacetonate hydrate
	Product Code	GD8546
HC^{-} Gd^{3+} O	CAS Number	64438-54-6
O P	Molecular formula	$C_{15}H_{21}GdO_6\cdotxH_2O$
/ "	Linear formula	$Gd(C_{\scriptscriptstyle{5}}H_{\scriptscriptstyle{7}}O_{\scriptscriptstyle{2}})_{\scriptscriptstyle{3}}\cdotxH_{\scriptscriptstyle{2}}O$
• x H ₂ O	Molecular weight	454.57
λ	Melting point	143C(sub.)

TEST	SPECIFICATION
Assay (purity)	98%+
Purity method	by complexometric (EDTA)
Metal purity	99.9%
Appearance	faint beige powder
Titration	Gd=31-34%
Titration type	Complexometric

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

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