

Yttrium Chloride Hexahydrate / Anhydrous

Yttrium (III) chloride is an inorganic compound of yttrium and chloride. It exists in two forms: the hydrate and an anhydrous form. Both are colorless solids that are highly soluble in water, and deliquescent.



Yttrium Chloride Hexahydrate
CAS No. 10025-94-2

	Yttrium Chloride Hexahydrate	Yttrium Chloride Anhydrous
Purity	99.9% - 99.999%	99.9% - 99.999%
Formula	YCl ₃ .6H ₂ O	YCl ₃
CAS No.	10025-94-2	10361-92-9
EC No.	233-801-0	233-801-0
Molecular Weight	303.36	195.26
Appearance	White crystalline or lump aggregates	White powder

Typical Application

- * Used as Yttrium Intermediate
- * Sintering aid for SiC, Si₃N₄ and AlN
- * Stabilizer for zirconia
- * Used for cosmetics
- * For tri-bands Rare Earth phosphors and yttrium-iron-garnets

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