

TOSOH CORPORATION

NANYO COMPLEX

4560, Kaisei-cho, Shinnanyo-shi, Yamaguchi-ken 746-8501, JAPAN.

C e r t i f i c a t e o f A n a l y s i s

This is to certify that we have performed the analysis of the product below:

Commodity : TOSOH ZIRCONIA POWDER

Grade : TZ-3Y

Lot No. : Z300796P

			Specification	Result of Analysis
Y_2O_3	%	:	4.95 ~ 5.35	5.26
Al_2O_3	%	:	Max. 0.1	Max. 0.005
SiO_2	%	:	Max. 0.02	0.005
Fe_2O_3	%	:	Max. 0.01	Max. 0.002
Na_2O	%	:	Max. 0.04	0.021
Ig-loss	%	:	Max. 1.2	0.77
Specific Surface Area	m^2/g	:	13 ~ 19	14.5
Crystallite Size	Å	:	Not specified	280

This certificate is produced electronically and it is valid without a signature.

Y. Nakamoto
Manager
Quality Control Section