

Technical Data Sheet

Product: Zinc Oxide (ZnO) Gold Seal

Product Code: NGLD CR-4 FCC 1

<u>Physical Properties</u>				
	Unit	Target	Min.	Max.
Specific Surface Area	m ² /g	4.5	4.0	5.0
Bulk Density	lb./ft ³	40	35	45
Specific Gravity		5.6	--	--
Through 325 Mesh	%	--	99.98	100
<u>Chemical Properties</u>				
	Unit		Min.	Max.
Description:	A very fine, amorphous, white or yellowish powder free from gritty particles.		Conforms	
Identification:	A - The sample is dissolved in a slight excess of 3N hydrochloric acid. B- Strongly heat sample: a yellow color forms that disappears on cooling.		Conforms	
Alkalinity:	No red color appears.		Conforms	
Loss on Ignition: ±25°C	800°C,	%	0	1.0
Substances not precipitated by sulfide	The weight of the residue does not exceed 5 mg		Conforms	
Lead Content:	(ppm)		0	10
Assay ZnO:	%		99.0	100
Cadmium Content	(ppm)		0	3
Iron Content:	(ppm)		0	10
Copper Content:	(ppm)		0	10
Heat Loss @ 110°C:	%		0	0.07
Ref: TDS ZnO-NGLD CR-4 FCC 1, Version 001, Date: June 2014				