INDUSTRIAS ELECTRO QUIMICAS S.A.

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CERTIFICATE OF ANALYSIS # 20220729

Customer *CZECH REPUBLIC*

Lot # *20220083*

Description *GOLD SEAL ZINC OXIDE*

	ANALYSYS	USP 40	BP / Ph EUR	Result USP 40 - BP / Ph EUR
A)	Zinc Oxide	(99.0 - 100.5) %	(99.0 - 100.5) %	Ok
B)	Lead	No turbidity or precipitate is produced when drops of potasium chromate are added	Max. 50 ppm	Ok
C)	Iron and other Heavy Metals	White precipitates are formed in the two aliquots (with the addition of Ferro Potassium Cyanide and Sodium Sulfide)	Iron Max. 200 ppm	Ok
D)	Arsenic	Max. 6 ppm	Max. 5 ppm	Ok
E)	Cadmiun	-	Max. 10 ppm	Ok
F)	Alkalinity	It should not produce coloration by adding phenolphthalein drops. If a red color is produced on filtering, no more than 0.3ml of 0.1N HCl is required.	It should not produce coloration by adding phenolphthalein drops. If a red color is produced on filtering, no more than 0.3ml of 0.1M HCl is required.	Ok
G)	Loss on Ignition	Max. 1 %	Max. 1 %	Ok
H)	Identification A	When strongly heated it aquires yellowish colour which disappears as it cools down	When strongly heated it aquires yellowish colour which disappears as it cools down	Ok
I	Carbonate and Color of Solution	It should not produce effervescence and the resulting solution is clear and colorless when 2N sulphuric acid is added	It should not produce effervescence or coloration when diluted with hydrochloric acid.	Ok
J)	Appearance - Solubility	-	Appearance: Very fine, odorless, amorphous white or yellowish-white powder, without sand particles. Solubility: practically insoluble in water and ethanol (96%). Dissolves in acidic solutions.	Ok
K	Identification B	When diluted with 3N hydrochloric acid, it dissolves.	When diluted with dilute hydrochloric acid, it dissolves.	Ok

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