



**CERTIFICATE OF ANALYSIS**  
**ZINC OXIDE**

SAP 17231

MELT	Date of Manufacture	Date of Expiration	Cu	Pb	Cd	Fe	Sn	Mn	As	Cl	S	Impurities	ZnO	M-325	Surface Area (m <sup>2</sup> /g)	Average Particle Diameter (µm)
L01120418	Apr-2018	Apr-2023	0.0001	0.001	0.0003	0.0002	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.01	99.9	99.99	4.7	0.7
L04130418	Apr-2018	Apr-2023	0.0001	0.001	0.0003	0.0002	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.01	99.9	99.99	4.8	0.7
L08120418	Apr-2018	Apr-2023	0.0001	0.001	0.0003	0.0002	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.01	99.9	99.99	4.5	0.7

Loss of Ignition <0.5  
 Volatile Materials 0.4  
 Moisture ( 130 °C ) <0.2 %  
 HCl Insolubility 0.001  
 Acid Acetic Insolubility 0.001  
 Water Soluble Elements 0.1  
 Specific Gravity 5.6  
 Bulk Density 800 - 1000  
 pH 5.8 - 7.4

**USP / BP**

Identification A Passes Test  
 Identification B Passes Test  
 Alkalinity Passes Test  
 Carbonate and colour of solution Passes Test  
 Lead Passes Test  
 Iron and other heavy metals Passes Test

Carbonate and colour of solution  
 CO<sub>2</sub> No  
 Colour of Solution No Colour

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