



# R.E. Carroll, Inc.

Raw Materials • Fillers • Petroleum Products

*UltraPure*<sup>®</sup> grades meet ASTM D520 Type III Specification for Zinc Dust Pigment

## UP # 4 PRODUCT SPECIFICATIONS

Total Zinc (% minimum)	99.0 %
Metallic Zinc (% minimum) *	96.0 %
Iron (% maximum) **	0.002 %
Lead (% maximum) **	0.002 %
Copper (% maximum) **	0.001 %
Cadmium (% maximum) **	0.001 %
Zinc Oxide	Bal.
Average Particle Size ***	3.50 - 5.00
+ 100 mesh (150 micron) % maximum ****	0.00 %
+ 200 mesh (75 micron) % maximum	0.00 %
+ 325 mesh (45 micron) % maximum	0.20 %
Specific Gravity	7.00-7.12

Lime (CaO) added on request

- \* ASTM Test Method D521, Test Method for Chemical Analysis of Zinc Dust, Titration method.
- \*\* ASTM Test Method E 536, Test Method for Chemical Analysis of Zinc Dust, AA Spectrophotometer.
- \*\*\* ASTM Test Method B 330, Test Method for Fisher Number of Metal Powders & related compounds.
- \*\*\*\* ASTM Test Method B 214, Test Method for Sieve Analysis of Metal Powders.

### APPLICATIONS

Organic and inorganic zinc coatings  
 Recovery of precious metals  
 Reducing Agent  
 Thread compounds  
 Thin film mechanical plating

10/10/05