

# CHARLES B. CHRYSTAL CO., INC

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INDUSTRIAL MINERALS SINCE 1897

## MICRO MONTANA USP GRADE TALC

This high quality Talc passes all the USP requirements including bacterial control. It is unusual in that it is micronized to a mean size of 2 micron It can be used in cosmetics, pharmaceuticals and wherever a top quality, very small particle size Talc is required.

### CHEMICAL ANALYSIS:

SiO <sub>2</sub>	61%
MgO	31%
Fe <sub>2</sub> O <sub>3</sub>	Less 1.3%
Water Soluble Iron	NIL
Al <sub>2</sub> O <sub>3</sub>	1.0%
CaO	Less 0.5%
Pb	Less 5 ppm
As	Less 1 ppm

### USP REQUIREMENTS:

L.O.I	Less than 6.5%
Asbestos-form-minerals	None Detected
Acid Solubles	Less Than 2.0%
Water Solubles	Less Than 0.1%
Reaction	Neutral to Litmus
Water Solubles Iron	Passes USP
Microbiological Count	Less Than 500 TPC
Heavy Metals	Passes

### PHYSICAL ANALYSIS:

Whiteness	89 Hunter
Oil Absorption	42
Particle Shape	Platy
pH	8.8
Specific Gravity	2.8
Apparent Density (SCOTT)	12 lb/cu.ft
Tapped Density	33 lb/cu.ft
Thru 10 Micron	98%
Thru 5 Micron	88%
Thru 2 Micron	60%

PACKING: 50 lb. paper bags 40 bags/wooden pallet

ORIGIN: USA