

CERTIFICATE OF ANALYSIS

TALC - PHARMACEUTICAL GRADE

Pharmaceutical-USP grade is used in tablets as an inert buffer and in tablet insulation as lubricant / gliders. Pharmaceutical talc also is commonly used as a release agent in tablet molds for medicated foot powders, creams, lotions, ointments...

PHYSICAL PROPERTIES

MEDIAN PARTICLE SIZE (MICRON)	5.5
DRY BRIGHTNESS	88
SPECIFIC GRAVITY	2.80
LOOSE BULK DENSITY (LB/FT ³)	20 - 34
TAPPED BULK DENSITY (LB/FT ³)	45 - 55
OIL ABSORPTION	24
% THRU 325 MESH (MIN)	97.7

CHEMICAL PROPERTIES

PB – LEAD MAX PPM	10
SILICA – SiO ₂ %	60
MAGNESIUM %	17.0 - 19.5
ALUMINUM % MAX	2.0
FERRIC OXIDE Fe ₂ O ₃	1.2
CALCIUM % MAX	0.9
IRON % MAX	0.25
LOSS ON IGNITION MAX %	7.0
MOISTURE MAX %	0.5
WATER SOLUBLES MAX %	0.1
PH VALUE	8.8

FOR, GLOBAL METRO CHEM INDUSTRIES

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Plant: Plot No. 410 Phase II, Vatva G. I. D. C. Industrial Estate, Vatva, Ahmedabad Gujarat 382 445 **INDIA**

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Certificate of Incorporation: U24290GJ2019PTC108256 GST NO.: 24AAHCG8288L1ZY

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