

Issued: 9/19/2012

Specifications for <u>SUPER WHITE PROTOPET[®] Petrolatum</u>

| PROPERTIES GUARANTEED | TEST METHOD | LIMITS |
|--|------------------------|-------------|
| Specific Gravity @ 60°C/25°C | LATM 128 | 0.815/0.880 |
| Residue On Ignition | USP (current revision) | 0.05 Max |
| Organic Acids | USP (current revision) | PASS |
| Alkalinity | USP (current revision) | PASS |
| Acidity | USP (current revision) | PASS |
| Fixed Oils, Fats, And Rosin | USP (current revision) | PASS |
| Color | USP (current revision) | PASS |
| Residual Solvents, Reportable Quantity | USP 467 | NONE |
| Lovibond Color, 3" CELL, Y | IP 17 | 1.0 Max. |
| Melting Point, °C | ASTM D127 | 54.4/60.0 |
| Melting Point, °F | ASTM D127 | 130/140 |
| Consistency | ASTM D937 | 180/210 |
| Viscosity @ 210°F, SUS | ASTM D2161 | 60/75 |
| Sulfur Compounds | LATM 138 | PASS |
| Odor Rating, Panel Average | LATM 093 | 0.8 Max. |

SUPER WHITE PROTOPET[®] is a White Petrolatum USP meeting requirements for USP (current revision) and FDA requirements as per 21 CFR 172.880. It also meets the requirements of the Pharmacopeia of Japan.

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