

Technical Sheet

PRODUCT: **P R O M I S I L** (food grade)

PRECIPITATED SILICA (SiO₂)

Color	<u>White Brilliant</u>
Bulk density (g/ml)	<u>0.09-0.12</u>
Tamped Density (g/ml)	<u>0.13-0.16</u>
Loss on drying max 105°C/ 2hrs (%)	<u>7</u>
pH value (5 %)	<u>6.5-7.5</u>
DBP absorption (cc/100g)	<u>220-254</u>
Particle size (d50 µm)	<u>14-17</u>
Specific surface area BET (m ² /g)	<u>150-190</u>
Sieve residue max 325 (%)	<u>3 - 7</u>
Sodium Sulfate content as Na ₂ SO ₄ (%)	<u>≤ 5</u>
Lead (ppm)	<u>≤ 5</u>
Total aerobic count (UFC)	<u>≤ 400</u>
Yeast & mold (UFC)	<u>≤ 400</u>
Gram negative bacilli (UFC)	<u>≤ 100</u>
SiO ₂ content (%)	<u>≥ 96</u>