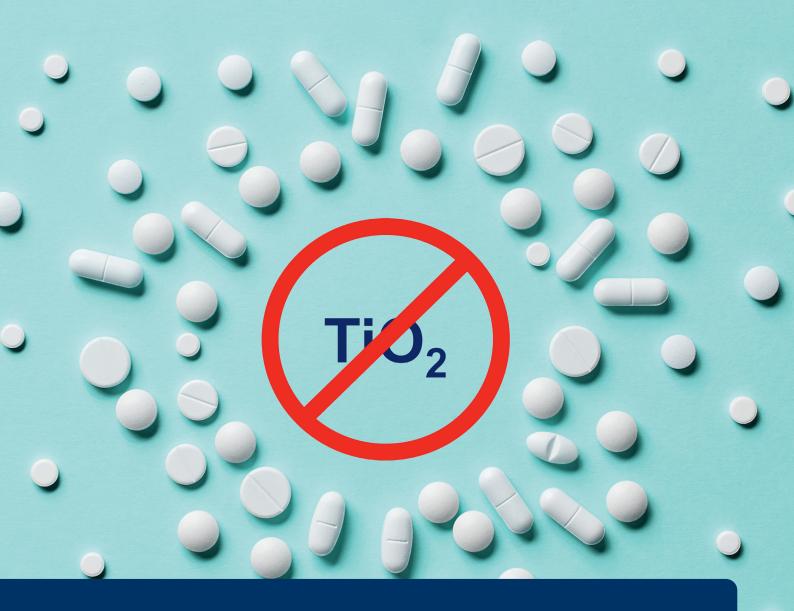
Alternatives to Titanium Dioxide



For Pharmaceutical & Nutraceutical Applications





YOUR BENEFITS

- Titanium Dioxide free formulations
- Non-genotoxic
- Opacifying and whitening properties
- Synergistic effects for your coating formulation



Replacing Titanium Dioxide - why is it important?

- Titanium Dioxide/TiO₂ (E171) is considered genotoxic because genotoxicity could not be ruled out and a safe daily intake could not be established.
- The EFSA has updated its safety assessment of TiO₂ to "no longer considered safe as a food additive".
- TiO₂ can be easily replaced by galenIQ[™]720 or Talc Micro Ace P-3 for pharmaceutical and nutraceutical applications.



TiO, free coating formulation

Talc Micro Ace P-3

- Whiteness of 95%
- Opacifying properties
- High surface area for lower Talc inclusion levels in coating formulations
- Asbestos free
- Absence of black particles
- Anti tacking properties

TYLOPUR® – HPMC

- Cellulose based coating polymer
- Non-ionic character
- Organic-free coating solutions possible
- Approved for nutraceutical applications
- Safe and sustainable coating process

More possibilities

- galenIQ™720 (Isomalt)
- Gohsenol™EG (PVA)
- Polyglykol (PEG)





Tabletting





Coating













