

Quantex Laboratories is the recognized global leader in providing testing and R&D analytical services in support of the antimicrobial/antibacterial Triclosan. Quantex's scientists have extensive experience and knowledge in the analytical chemistry of Triclosan and the formation, identification and quantitation of its impurities. We provide analytical and R&D testing to major manufacturers and end users of Triclosan world wide. Our Triclosan analytical testing services are used by such companies as Ciba, IPCA Laboratories, Kumar Organics, Colgate Palmolive, Unilever HPC, Proctor and Gamble, Johnson & Johnson, Microban, Schering Plough and many others.

The Gold Standard...

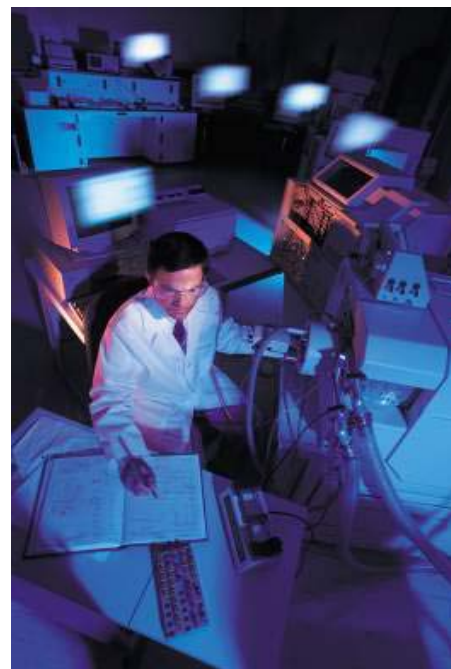
Quantex Laboratories is the premier provider of contract analytical services for the testing of Triclosan in formulations and products which use or incorporate it as the active antimicrobial. Quantex is currently the only contract analytical organization capable of the complete compendial analysis of Triclosan, as specified in the current USP, for all impurities listed, including ultra-trace by-products employing isotope dilution HRGC/HRMS. Our analytical services are the Gold Standard for the qualification, testing and certification of Triclosan to USP criteria, the analysis and assay of triclosan in finished formulations and products, impurities profiling and R&D support for new applications of Triclosan. As you would expect from your own in-house laboratories, we perform our services in strict conformance to the USP and cGMPs.

What we do...

Our services support manufacturing, formulations, raw material qualification, product testing, registration and regulatory compliance. Quantex Laboratories provides a range of analytical and R&D services for Triclosan. These include impurities testing, the full range of limit tests, assay, identity, trace and heavy metals, KF and ROI on the bulk API. For formulations employing triclosan, we provide analytical support for impurities testing and assay of the active ingredient. In regards to synthesis and manufacturing of Triclosan, our laboratories provide R&D analytical support for those optimizing the manufacturing process to limit the formation of unwanted impurities. We not only have extensive experience and expertise in the analysis of bulk Triclosan, but also in analyzing a diverse range of products which employ Triclosan in their formulation. These include liquid soaps, bar soaps, ointments, creams, coatings, polymers, polymer additives, medical devices, personal care and household products, prescription and OTC pharmaceuticals, and many others.

Full USP Compendial testing of Triclosan covers:

- Identity A: <197> IR Spectra
- Water <921>
- Completeness of Solution <641>
- Assay by GC
- Limit of monochlorophenols and 2,4-dichlorophenol
- Limit of 1,3,7-trichlorodibenzo-*p*-dioxin, 2,8-dichlorodibenzo-*p*-dioxin, 2,8-dichlorodibenzofuran, and 2,4,8-trichlorodibenzofuran
- Limit of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin and 2,3,7,8-tetrachlorodibenzofuran
- Identity B : Retention time by GC
- Residue on Ignition <281>
- Heavy Metals <231> Method II
- Related Compounds



Our State-of-the-Art Instrumentation includes:

- HPLC: (UV-VIS, PDA, FL, RI, electrochemical detector, ELSD)
- LC-MS with APCI & ESI
- LC-MS/MS with APCI & ESI
- GC: direct injection, headspace capability, (FID, TCD, NPD & ECD)
- GC-MS: direct injection, headspace capability with EI and CI ionization source
- HRGC-HRMS
- Flame AA
- GFAA
- ICP & ICP-MS
- Mercury analyzer
- IC
- CE



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