



COSMETIC  
SUPPLIES  
USA, INC.



## Trichloroacetic Acid - Pharma Grade

Trichloroacetic acid is a chemical that is commonly used for cosmetic skin peels and removal of warts, **skin tags**, moles, and tattoos. It works by removing the top few layers of skin, allowing new skin cells to appear. Peels with this acid are considered medium-deep, as compared to alpha-hydroxy acids which are more shallow and **phenol** peels which are much deeper.

Cosmetic skin peels with trichloroacetic acid are generally performed by dermatologists or plastic surgeons because the solution is too caustic to be safe for home or salon use. After several weeks of pre-treatment with alpha-hydroxy gels and anti-viral medications, the doctor performs the peel during a one-hour visit. Following the peel, the skin looks severely sunburned, and crusts and scabs may form. The recovery time for a trichloroacetic acid peel is at least two weeks, though it might be longer for some people.

Chemical skin peels are cheaper and less invasive than **plastic surgery**, but they can yield similar results. Fine **wrinkles**, **age spots**, and discoloration caused by sun exposure or other environmental factors are removed in a chemical peel. Trichloroacetic acid peels can also remove many types of pre-cancerous lesions on the face. Many patients opt to have this treatment done every two or three years to maintain its effects.

ANALYSIS	SPECIFICATIONS	RESULTS
Appearance	Flakes, Nearly Colorless	Conforms
Identity	Physical - Chemical Test	Conforms
Appearance of Solution	Clarity/Clear	Conforms
Trichloroacetic Acid % w/w	Calculation 100% (2/2) side components, PAQ 04-205	Min 99.0
Dichloroacetic acid % 2/2	GC, PAQ 04-202	Max 0.5
Residue on Ignition (sulphated ash) % w/w	Gravimetrically, PAQ 04-226	Max 0.03
Loss on Drying (water)	DIN 51777, PAQ 04-212	Max 0.5
Heavy Metals (as Pb) mg/kg	ACS Procedure, PAQ 04-225	Max 20
Sulphates	ACS Procedure, PAQ 04-213	Max 10
Sulphates	USP Procedures, PAQ 04-209, 208	Max 200
Phosphates	ACS procedure, PAQ 04-211	Max 5
Nitrates	ACS procedure, PAQ 04-224	Max 20

The above data is provided for the convenience of the user and does not relieve the user of normal liability for inspection of material upon delivery or prior to actual use. Statements concerning the possible use of our product are not intended as a recommendation to use our product in the infringement of any patent.

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