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ACCEPTED MANUSCRIPT

An alternative carrier solvent for fingermark enhancement reagents

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Highlights

- Solstice® PF is a viable carrier solvent alternative to HFE7100.
- Solstice® PF is non-ozone depleting with a lower GWP, surface tension and cost.
- Number of fingermarks detected by HFE7100 and Solstice® PF formulations was comparable
- 1,2-indanedione developed 1.2 times as many fingermarks as DFO in a pseudo-operational trial.

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