

Scenario Specific Opiate Detector Selection

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MRIGlobal created a baseline market survey of portable detection equipment capable of identifying fentanyl, other opiates, and related compounds. Specific performance, operational, and physical criteria were developed to narrow the focus of the survey to those products best suited for field detection scenarios. The technical approach for compiling product information was to review the open literature (including market surveys compiled by other groups), conduct internet searches, and contact vendors, users, and subject matter experts in the area of field-portable chemical detection products. The scores presented therein are applicable to the described scenarios only. The market survey provides product information for 128 chemical detectors covering 15 technologies. To qualify for inclusion, products must be COTS/GOTS, have a maximum weight of 70lbs, operate without power or on battery only, and identify the target materials. Products were assigned an overall score based on four categories, 3-5 criteria within each category, weight (importance) of each of 14 criteria, and associated scoring level (1-4) within each criterion. For example, baseline rankings will preferentially select a product with more consumables and durability over size, whereas field users may desire the most portable product available, regardless of durability and consumables. USG users have access to the full data set and the ability to create customized rankings and filtered reports via a secure portal. The portal contains active user customizable ranking whereas the criteria weighting can be independently modified to best represent the user needs and therefore resulting in operationally specific product rankings. In addition, USG users can generate custom reports on all PBA products based on specific search or filter criteria of over 40 unique field