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| **Sample** | **Status (Submitted by)** | **Remarks** | **Suggested action** |
| FEB-to-motherboard Harwin connector candidate (ID 317) | New (Daria Santone) | Unknown location, full-metal  Similar to Harwin clips (clamp) (ID 272) | Assign HPGe screening, ICP-MS, Po-extr |
| FEB-to-tile Harwin connector candidate (ID 315) | New (Daria Santone) | Unknown location, full-metal  Similar to Harwin clips (clamp) (ID 272) | Assign HPGe screening, ICP-MS, Po-extr |
| Gadolinium oxide Nippon Yttrium (ID 312) | New (Bianca Bottino) | Unknown location, no results | Assign HPGe screening, ICP-MS |
| Steering Module Micro-D connectors + Ultem resin (ID 313) | In Assay (Iza Kochanek) | HPGe complete, high activities in number of components  Ra/Th seem critical | Assign ICP-MS, Po-extr |
| 3M Reflector ESR 98-0440-5848-9 (ID 303) | In Assay (Luca Pagani) | HPGe SNOLAB Gamma Counter 1 (PGT) ongoing  No results yet | Contact SNOLAB (KP) |
| Acrylic clips and cage (ID 54) | In Assay (Krzysztof Pelczar/Iza Kochanek) | HPGe complete  Problems with ashing for Po? | Assign ICP-MS?, Po-extr |
| Acrylic plates for veto sectors (ID 290) | In Assay (Gemma Testera) | HPGe complete  Problems with ashing for Po? | Assign ICP-MS?, Po-extr |
| Chips for the Steering Module (ID 306) | In Assay (Iza Kochanek) | HPGe complete | Assign ICP-MS, Po-extr |
| Clevios conductive polymer (ID 66) | In Assay (Yi Wang) | ICP-MS, Po-extr complete | Missing HPGe – accepted without HPGe?  If yes, change status to *Done* (VPF) |
| CMOS Readout ASIC for VETO PDM (ID 302) | In Assay (Manuel Rolo) | ICP-MS complete | Assign HPGe screening (Po-extr seems not relevant – veto module)  It is an ASIC chip – each part (Si chip, housing resin, leads etc.) could be requested from the manufacturer |
| Donchamp acrylic Line1 (ID 289) | In Assay (Gemma Testera) | ICP-MS complete, looks good | As with other acrylic candidates – Po-extr? |
| Electronic components for PDMs and OTs - actives (ID 284) | In Assay (Krzysztof Pelczar/Iza Kochanek) | ICP-MS complete  LED very hot – what is the status? | Missing Po-extr for MMSZ5221BT1 (Zener)  Missing HPGe for OPA838, THS4521, OPA356, MMSZ5221BT1, LED  ~~Contact Iza which of the components are really used? (KP) – candidates~~ |
| Electronic components for PDMs and OTs - passives (capacitors) (ID 285) | In Assay (Krzysztof Pelczar/Iza Kochanek) | Po-extr mostly complete | Missing ICP-MS, HPGe  ~~Contact Iza which of the components are really used? (KP) – candidates~~ |
| Electronic components for PDMs and OTs - passives (resistors) (ID 286) | In Assay (Krzysztof Pelczar/Iza Kochanek) | Po-extr mostly complete | Assign ICP-MS, HPGe  ~~Contact Iza which of the components are really used? (KP) – candidates~~ |
| FormLabs connector housing (ID 283) | In Assay (Graham Giovanetti) | HPGe @ Canfranc  No results yet | Contact Canfranc (RS) |
| Formlabs Photopolymer Resin (uncured) (ID 296) | In Assay (Vicente Pesudo Fortes) | HPGe complete  Looks very clean | Assign ICP-MS?, Po-extr.?  If not, mark as *Satisfactory*, change status to *Done* (VPF) |
| Fused silica wafer (ID 288) | In Assay (Iza Kochanek) | HPGe complete | Further screening depends on the chosen technology (Through Silica Vias)  ~~Contact Iza Kochanek (KP)~~ |
| Gadolinium compounds for the veto (ID 301) | In Assay (Bianca Bottino) | HPGe complete  228,228Ac, 234mPa – high activity, is it OK for dead time etc.? | Veto component – Po-extr not needed  Assign ICP-MS  If OK, mark as *Satisfactory*, change status to *Done* (VPF) |
| Gadolinium compounds from SAM (ID 304) | In Assay (Bianca Bottino) | ICP-MS complete | Gadolinium Oxide (ID 332) seems hot, mark as *Non-satisfactory*, mark as *Done* (VPF) |
| Gadolinium Oxide SHIN-ETSU (ID 311) | In Assay (Bianca Bottino) | HPGe complete  Looks very clean | Veto component – Po-extr not needed  Assign ICP-MS  If OK, mark as *Satisfactory*, change status to *Done* (VPF) |
| Gadolinium oxide IOLITEC (ID 307) | Done (Bianca Bottino) | ICP-MS, HPGe complete  <100 nm pellets looks dirty | What is the decision? (VPF) |
| Pyralux Invar Pyralux CCL PCB (ID 297) | In Assay (Krzysztof Pelczar/Iza Kochanek) | HPGe complete, Po-extr complete | Problematic Po  ICP-MS hard to do, different composite materials, results won’t be relevant  ~~Is it still considered? Contact Iza Kochanek (KP)~~  If yes, mark as *Non-satisfactory*, change status to *Done* (VPF) |
| Pyralux PCB CCL (new process without solder) (ID 293) | In Assay (Krzysztof Pelczar/Iza Kochanek) | Po-extr complete, ICP-MS complete (palladium solution)  Looks better than ID 297 | Assign HPGe of the PCB  ~~Is it still considered? Contact Iza Kochanek (KP)~~  If yes, mark as *Satisfactory*, change status to *Done* (VPF) |
| Solder paste ALPHA OM (ID 300) | In Assay (Iza Kochanek) | ICP-MS, HPGe complete  210Pb – high concentration in OM 338 | Assign Po-extr  ~~Is it still considered? Contact Iza Kochanek (KP)~~  If yes, make decision (mark as *Non-satisfactory)*, change status to *Done* (VPF) |
| Solder paste ChipQuik (ID 295) | In Assay (Iza Kochanek) | ICP-MS complete | Assign Po-extr, HPGe  ~~Is it still considered? Contact Iza Kochanek (KP)~~  If yes, make decision, change status to *Done* (VPF)` |
| Solder paste Indalloy 290 (ID 43) | In Assay (Iza Kochanek) | ICP-MS, Po-extr complete  Looks very dirty (230Th 993 Bq!) | Make decision – mark as *Non-satisfactory*, change status to *Done* (VPF)  Marked as *Satisfactory*?? |
| Electronic components for PDMs - passives (ID 57) | Done (Krzysztof Pelczar/Iza Kochanek) | HPGe, Po-extr complete | Marked as *More assays needed* (VPF)  If used – find alternative  ~~Contact Iza Kochanek (KP)~~ |
| FEP jacket Finished SAMI cable (ID 310) | In Progress (Iulian Catalin Bandac) | HPGe complete | Assign ICP-MS, Po-extr  Marked as *More assays needed* (VPF)  What is the decision? |
| FEP pellets (ID 65) | In Progress (Graham Giovanetti) | HPGe complete | Assign ICP-MS, Po-extr  Marked as *More assays needed* (VPF)  What is the decision? |
| Field cage resistors 1GOhm (ID 291) | In Progress (Luca Pagani) | HPGe complete | Assign ICP-MS, Po-extr? |
| Finished HV SAMI cable (ID 305) | Done (Vicente Pesudo Fortes) | HPGe complete | Other assays rather hard to perform on the composite sample  What is the decision? (VPF) |
| Indalloy 1E solder (ID 55) | Done (Graham Giovanetti) | ICP-MS, Po-extr complete  Dirty | Mark as *Non-satisfactory* (VPF) |
| Insulating foam (ID 45) | Done (Marzio Nessi) | HPGe complete  Dirty | Mark as *Non-satisfactory* (VPF) |
| LMH6629 (ID 3) | Done (Graham Giovanetti) | HPGe complete  Dirty | If used – Mark as *Satisfactory* ? (VPF)  ~~Contact Iza Kochanek (KP)~~ |
| Luvata copper for prototype (ID 274) | Done (Graham Giovanetti) | HPGe, ICP-MS complete  Clean | If used – Mark as *Satisfactory* (VPF) |
| MLG series inductor 220nH 100mA (ID 309) | Done (Iza Kochanek) | HPGe, ICP-MS, Po-extr complete  Dirty in U, Ra, Th, Po | Mark as *Non-satisfactory* (VPF) |
| New cryostat materials batch (ID 292) | Done (Vicente Pesudo Fortes) | HPGe complete  Dirty | Mark as *Non-satisfactory* (VPF) |
| Optical fibers - Fiber Jacket (ID 7) | In Progress (Iza Kochanek) | ICP-MS complete | Assign HPGe, Po-extr  ~~Contact Iza Kochanek (KP)~~ |
| Optical fibers - SMA-M connector (ID 8) | Done (Iza Kochanek) | ICP-MS complete  Probably re-done in copper? | ~~Contact Iza Kochanek (KP)~~ |
| Panasonic film SMD capacitors (ID 5) | Done (Iza Kochanek) | HPGe complete  High Th | ~~Contact Iza Kochanek (KP)~~  If not used – mark as *Non-satisfactory* (VPF) |
| Pyralux "motherboard strip" PCB (ID 280) | Done (Graham Giovanetti) | ICP-MS, HPGe complete | If used – Mark as *Satisfactory* ? (VPF) |
| Pyralux LF0200 (ID 64) | Done (Graham Giovanetti) | HPGe complete  Looks clean | Material probably not available, undergoes a difficult manufacturing process afterwards  Ignore |
| Silver loaded epoxy (ID 294) | In Progress (Krzysztof Pelczar/Iza Kochanek) | ICP-MS complete | Assign Po-extr, HPGe  ~~Contact Iza Kochanek (KP)~~ |
| Solder paste Indalloy #4 (ID 44) | Done (Graham Giovanetti) | Po-extr, ICP-MS complete  Dirty | Mark as *Non-satisfactory* (VPF) |