**ORDER DESCRIPTION**

1. **Object of the contract**

The subject of the order is the supply of organometallic compounds in specialized containers (bubbler), listed below by name and quantity needed:

1. Trimethylgallium (TMGa OEG) **1000g**

2. bubblers’ connector  **2 pieces**

1. **Parameters**

|  |  |  |
| --- | --- | --- |
| Product name | Parametrer | Specification |
| Trimethylgallium TMGa | OPTO ELECTRONIC-GRADE |  |
| Metal purity: | * Gallium (unit: %):   + Specification > 99,9999 * Oxygen (unit:PPM, NMR)   + LOD (limit of detection) <0,5   + Specification < 1 |
| Metal impurities (ICP) (unit: PPM): Aluminium (Al), Antimony (Sb), Arsenic (As), Bismuth (Bi), Chromium (Cr), Copper (Cu), Germanium (Ge), Indium (In), Iron (Fe), Lead (Pb), Magnesium (Mg), Manganese (Mn), Selenium (Se), Phosphorous (P), Silicon (Si), Sulfur (S), Tellurium (Te), Tin (Sn), Zinc (Zn) | * Specification < 0,1 * LOD (limit of detection) 0,01 |
| Metal impurities:  Cadmium (Cd), Mercury (Hg) | * Specification < 0,01 * LOD (limit of detection) 0,001 |
| Bubbler | * with bypass valve |
| Bubblers connector | 1/8“ tubing | * 1/8“ tubing with 2 female 1“ VCR |