



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:

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| 1. Trimethylgallium (TMGa OEG) | 1000g 1 pc. |
| 2. Trimethylaluminum (TMAI OEG) | 380g bubbler |
| 3. Trimethylindium (TMIn OEG) | 1000g 3 pcs |
| 4. Trimethylindium (TMIn OEG) | 300g bubbler |
| 5. Diisopropyltelluride (DIPTe EG) | 250g 1 pc. |

2. Parameters

| Product name | Parameter | Specification |
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| Trimethylgallium TMGa | OPTO ELECTRONIC-GRADE | |
| | Metal purity: | <ul style="list-style-type: none"> ● Gallium (unit: %): <ul style="list-style-type: none"> ○ Specification > 99,9999 ● Oxygen (unit:PPM, NMR) <ul style="list-style-type: none"> ○ 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) | <ul style="list-style-type: none"> ● Specification < 0,1 ● LOD (limit of detection) 0,01 |
| | Metal impurities: Cadmium (Cd), Mercury (Hg) | <ul style="list-style-type: none"> ● Specification < 0,01 ● LOD (limit of detection) 0,001 |
| | Bubbler | <ul style="list-style-type: none"> ● With cross purge valve |
| Product name | Parameter | Specification |
| Trimethylaluminium TMAI | OPTO ELECTRONIC-GRADE | <ul style="list-style-type: none"> ● ALUMINIUM (unit: %): <ul style="list-style-type: none"> ○ Specification > 99,9999 ● Oxygen (unit:PPM, NMR) <ul style="list-style-type: none"> ○ LOD (limit of detection) <0,5 ● Specification < 1 |



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| | Metal purity: | <ul style="list-style-type: none"> • Specification < 0,1 • LOD (limit of detection) 0,01 |
| | Metal impurities (ICP) (unit: PPM): Antimony (Sb), Arsenic (As), Bismuth (Bi), Chromium (Cr), Copper (Cu), Gallium (Ga), 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) | <ul style="list-style-type: none"> • Specification < 0,01 • LOD (limit of detection) 0,001 |
| | Metal impurities: Cadmium (Cd), Mercury (Hg) | <ul style="list-style-type: none"> • with bypass valve |
| | bubbler | |

| Product name | Parameter | Specification |
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| Trimethylindium TMIn | OPTO ELECTRONIC-GRADE | |
| | Metal purity: | <ul style="list-style-type: none"> • Indium (unit: %): <ul style="list-style-type: none"> ○ Specification > 99,9999 • Oxygen (unit:PPM, NMR) <ul style="list-style-type: none"> ○ Specification < 1 |
| | Metal impurities (ICP) (unit: PPM): Aluminium (Al), Antimony (Sb), Arsenic (As), Bismuth (Bi), Chromium (Cr), Copper (Cu), Gallium (Ga), Germanium (Ge), Iron (Fe), Lead (Pb), Magnesium (Mg), Manganese (Mn), Selenium (Se), Phosphorous (P), Silicon (Si), Sulfur (S), Tellurium (Te), Tin (Sn), Zinc (Zn) | <ul style="list-style-type: none"> • Specification < 0,1 |
| | Metal impurities: Cadmium (Cd), Mercury (Hg) | <ul style="list-style-type: none"> • Specification < 0,01 |
| | Bubbler | <ul style="list-style-type: none"> • with bypass valve |

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| Diisopropyltelluride DiPTe | ELECTRONIC-GRADE | <ul style="list-style-type: none"> • |
| | Metal purity: | <ul style="list-style-type: none"> • Tellurium (unit: %): <ul style="list-style-type: none"> ○ Specification > 99,9999 • Oxygen (unit:PPM, NMR) <ul style="list-style-type: none"> ○ LOD (limit of detection) <0,5 • Specification < 1 |



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| | Metal impurities (ICP) (unit: PPM): Aluminium (Al), Antimony (Sb), Arsenic (As), Bismuth (Bi), Chromium (Cr), Copper (Cu), Gallium (Ga), 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) | <ul style="list-style-type: none">• Specification < 0,01• LOD (limit of detection) 0,01 |
| | Metal impurities: Cadmium (Cd), Mercury (Hg) | <ul style="list-style-type: none">• Specification < 0,01• LOD (limit of detection) 0,001 |
| | Bubbler | <ul style="list-style-type: none">• With cross purge valve |