# Product Information

## GRM111 D-(+)-Xylose

| Product Number | | Packing |
|---|---|---|
| GRM111 | : | 100G |
| GRM111 | : | 25G |
| GRM111 | : | 500G |

### Product Information

| | | |
|---|---|---|
| Product Code | : | GRM111 |
| Product Name | : | D-(+)-Xylose |
| Molecular Formula | : | $C_5H_{10}O_5$ |
| Molecular Weight | : | 150.13 |
| CAS No. | : | 58-86-6 |
| EC No. | : | 200-400-7 |
| HS Code | : | 2940 00 00 |
| Shelf Life | : | 4 years |

### Technical Specification

| | | |
|---|---|---|
| Appearance | : | Colourless or white to off-white crystals or powder or needles |
| Solubility | : | 33.3 mg soluble in 1 mL of water |
| Clarity | : | 10% w/v solution is clear |
| FTIR (KBr disc) | : | Matches with the standard pattern |
| Specific rotation | : | +18.50° to +19.50° (c = 10% in 0.4% v/v of 5M ammonia at 20°C) |
| Melting range | : | 145 - 158°C |
| Heavy metals (as Pb) | : | <= 0.002% |
| Sulfated ash | : | <= 0.1% |
| Assay (UV/HPLC) | : | 99.00 - 102.00% |

### Risk and Safety Information

| | | |
|---|---|---|
| WGK | : | 2 |
| Storage Temperature(°C) | : | Store below 30°C |

### Transport Information

| | | |
|---|---|---|
| Marine Pollutant | : | No |
| ADR/RID | : | Not Dangerous Goods |
| IMDG | : | Not Dangerous Goods |
| IATA | : | Not Dangerous Goods |

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