

## PRODUCT IDENTITY

|                 |                                      |                |                                                   |
|-----------------|--------------------------------------|----------------|---------------------------------------------------|
| PRODUCT NAME    | Metolachlor                          | PRODUCT NUMBER | M110049                                           |
| Grades & Purity | analytical standard, Moligand™, ≥98% | VERSION        | 3                                                 |
| CAS NUMBER      | 51218-45-2                           | FORMULA        | C <sub>15</sub> H <sub>22</sub> ClNO <sub>2</sub> |
| FORMULA WEIGHT  | 283.79g/mol                          |                |                                                   |

## ACCEPTANCE CRITERIA

| PARAMETER                           | SPECIFICATION / LIMIT                      |
|-------------------------------------|--------------------------------------------|
| Appearance (M110049)                | Colorless to Yellow to Brown-Yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure                      |
| Purity(GC)                          | 98-100 (%)                                 |
| Refractive index n <sub>20</sub> /D | 1.5255-1.5295                              |