

## PRODUCT IDENTITY

|                 |                            |                |                                        |
|-----------------|----------------------------|----------------|----------------------------------------|
| PRODUCT NAME    | Poly-D-lysine hydrobromide | PRODUCT NUMBER | P477799                                |
| Grades & Purity | average MW 10000           | VERSION        | 3                                      |
| CAS NUMBER      | 27964-99-4                 | FORMULA        | D-Lys-(D-Lys) <sub>n</sub> -D-Lys·xHBr |
| FORMULA WEIGHT  | g/mol                      |                |                                        |

## ACCEPTANCE CRITERIA

| PARAMETER                                                 | SPECIFICATION / LIMIT       |
|-----------------------------------------------------------|-----------------------------|
| Appearance(P477799)                                       | White to faint-yellow solid |
| Solubility,Clear Colorless to Yellow at 50 mg/mL of water | Pass                        |
| PDI by GPC                                                | 1.00-1.20                   |
| MN by NMR                                                 | 9400-11500                  |
| DP <sub>n</sub> by NMR                                    | 45-55                       |
| NMR Spectrum <sup>1</sup> H                               | Conforms to structure       |