

SPECIFICATION

 α -Lipoic Acid
for Cell Culture

| REQUIREMENT | SPECIFICATION |
|---|---|
| Description | Light yellow ~ yellow, crystals or crystalline powder |
| Melting point | 60~63°C |
| Solubility in sodium hydroxide solution | to pass test |
| Solubility in chloroform | to pass test |
| Sulfates | under investigation |
| Heavy metals | max.10ppm |
| Related substances | to pass test |
| Residual solvent | to pass test |
| Loss on drying over phosphorus(V) oxide in vacuum | max.0.5% |
| Residue after ignition | max.0.1% |
| Bacterial endotoxins | under investigation |
| Assay (after drying) | min.99.0% |