

# SPECIFICATION

JUNSEI CHEMICAL CO.,LTD.  
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Product Code 27356-2250  
Commodity L-Glutamic acid  
Grade Food additive  
Q'ty 1kg

| [Test Item]                                         | [Standard]       | CASNo.56-86-0 |
|-----------------------------------------------------|------------------|---------------|
| ASSAY (calculated on the dried basis)               | min. 99.0 %      |               |
| Appearance                                          | To pass test     |               |
| Identification                                      | To pass test     |               |
| Specific rotation [ $\alpha$ ] <input type="text"/> | +31.5~+32.5 °    |               |
| pH                                                  | 3.0~3.5          |               |
| Purity test                                         |                  |               |
| (1) Solubility                                      | colorless, clear |               |
| (2) Chloride(as Cl)                                 | max. 0.021 %     |               |
| (3) Lead (as Pb)                                    | max. 1 $\mu$ g/g |               |
| (4) Arsenic (as As)                                 | max. 3 $\mu$ g/g |               |
| Drying loss                                         | max. 0.2 %       |               |
| Ignition residue                                    | max. 0.2 %       |               |