

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name: | Trypsin/Lys-C Mix (MS) |
| SKU #: | rp227305 |
| Version: | 1 |
| Source: | Recombinant |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, Recombinant, ActiBioPure™, EnzymoPure™, Suitable for Mass Spectrometry (MS), for protein sequencing, ≥95%(SDS-PAGE), expressed in E.coli & Pichia pastoris; ≥3800 USP U/mg protein |
| Concentration: | expressed in E.coli & Pichia pastoris; ≥3800 USP U/mg protein |
| Formulation: | Lyophilized |
| Reconstitution: | Reconstitute in 50mM acetic acid solution to a concentration of 0.5 mg/mL. |
| Storage Conditions: | Store at -20°C, Avoid repeated freezing and thawing |

| Parameter | Limit Values |
|-------------------------------------------------|--------------|
| Appearance(rp227305A) | White powder |
| Appearance(rp227305B) | Liquid |
| Purity(SDS-PAGE)(rp227305A) | 95-100(%) |
| Unit enzyme activity(protein)(rp227305A)(USP) | ≥3800(U/mg) |
| Protein Content(rp227305A) | 30-70(%) |
| Residual exogenous DNA(rp227305A) | ≤100(ng/mg) |
| Residual amount of bacterial protein(rp227305A) | ≤100(ng/mg) |
| pH(rp227305A) | 7.0-9.5 |
| Seal Integrity Testing | Conform |