

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:            | Mouse brain tissue lysate - total protein                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SKU #:                   | tl155918                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Version:                 | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Source:                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specifications & Purity: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Concentration:           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Formulation:             | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reconstitution:          | Recommended reconstitute at 1-2 mg/mL in ddH <sub>2</sub> O. Use at an assay dependent concentration. Ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for mini gel. Lyophilized contents may appear as either a translucent film or a white power. This variance does not affect the quality of the product. Lyophilized contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the product. |
| Storage Conditions:      | Store at -80°C, Avoid repeated freezing and thawing                                                                                                                                                                                                                                                                                                                                                                                                                                  |

| Parameter                      | Limit Values              |
|--------------------------------|---------------------------|
| Appearance(tl155918)           | White to off-white powder |
| β-Actin (Band%>90%; Lane%>80%) | Conform                   |
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| PCNA Molecular Weight          | 29.7-36.3(kD)             |
| PCNA (Band%>90%; Lane%>80%)    | Conform                   |
| HSP60 Molecular Weight         | 56.7-69.3(kD)             |
| HSP60 (Band%>90%; Lane%>80%)   | Conform                   |
| Ratio-Top/(Top+Bottom)×100%    | 50-100(%)                 |