

## Certificate of Analysis

Date of Testing: 2023-12-05 15:09:32

Date of Next Testing: 2027-12-04 15:09:32

Product Name: **Salicylanilide**

CAS Number: 87-17-2

Specifications & Purity: 98%

Lot #: K2330280

SKU #: **S106788**

**Analysis:** **257873**

Storage Temperature: Room temperature, Argon charged

| Parameter                                 | Limit Values                      | Result                            |
|-------------------------------------------|-----------------------------------|-----------------------------------|
| Carbon by Elemental Analysis              | 71.4-75.1 (%)                     | 72.65 %                           |
| Nitrogen by Elemental Analysis            | 6.3-6.9 (%)                       | 6.55 %                            |
| Melting point                             | 135-139 (°C)                      | 137.33000 °C                      |
| Purity(HPLC)                              | 98-100 (%)                        | 99.77300 %                        |
| Purity(Neutralization titration)          | 98-102 (%)                        | 98.96 %                           |
| Appearance (S106788)                      | off-white to tan powder or chunks | off-white to tan powder or chunks |
| Solubility in MeOH , Very faint turbidity | pass                              | Pass                              |
| Infrared spectrum                         | Conforms to Structure             | Conforms to Structure             |



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