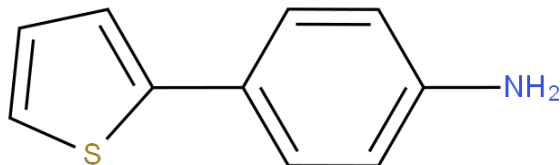




## Certificate of Analysis

Structure:



**Product Number** BM456  
**Batch Number** M04562203  
**Product Name** 4-Thiophen-2-ylphenylamine

**CAS Number** 70010-48-9  
**Molecular Formula** C<sub>10</sub>H<sub>9</sub>NS  
**Molecular Weight** 175.247 g / mol

| ANALYSIS                      | SPECIFICATION                              | RESULTS                       |
|-------------------------------|--------------------------------------------|-------------------------------|
| <i>Appearance</i>             | Light yellow to brown solid                | Off-white solid               |
| <i>MPt (°C)</i>               | 72-76                                      | 74-76                         |
| <i>GC - Ethyl acetate</i>     | ≥97%                                       | 100%                          |
| <i>NMR - CDCl<sub>3</sub></i> | ≥97%                                       | ≥98%                          |
| <b>Notes</b>                  | <i>Light sensitive</i>                     |                               |
| <b>Storage Conditions</b>     | <i>Store ≤ 25°C and protect from light</i> |                               |
| <b>Manufactured Date</b>      | 17/08/2022                                 | <b>Retest Date</b> 15/08/2028 |

Prepared by:

Junjie Chen

17/08/2022

*Signature*

*Print Name*

*Date*

Checked by:

Mark Russell

17/08/2022

*Signature*

*Print Name*

*Date*

### UNITED STATES

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