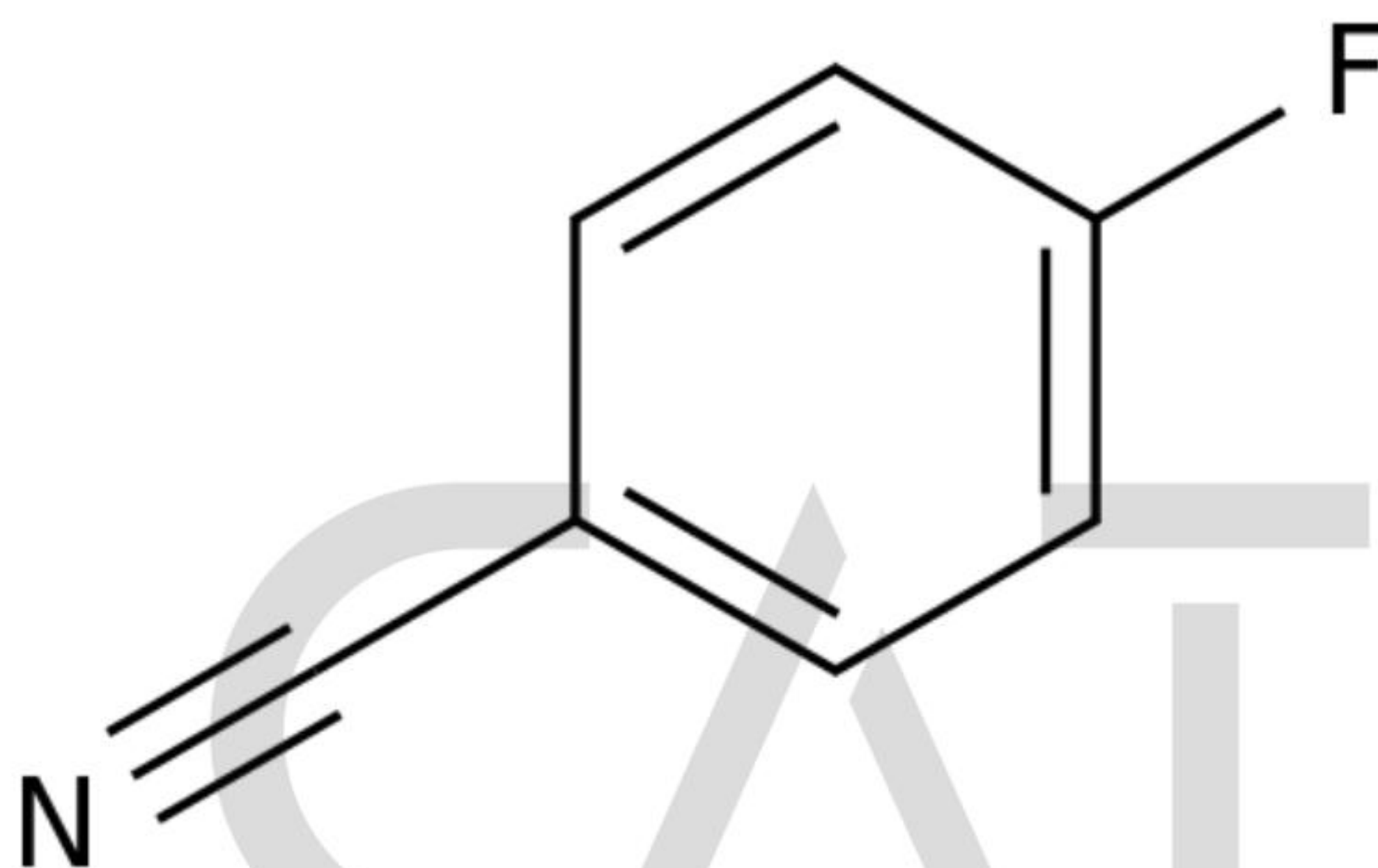


# Certificate of Analysis

## Reference Material & Standard

|                    |                                  |                   |                                                                                     |
|--------------------|----------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | Crisaborole Impurity 46          | Catalogue Number: | C4X-202146                                                                          |
| Synonyms:          | 4-Fluorobenzonitrile             | Lot Number:       | 0801-RF-0088                                                                        |
| CAS Number:        | 1194-02-1                        | Expiry Date:      | Jul 31, 2027                                                                        |
| Molecular Formula: | C <sub>7</sub> H <sub>4</sub> FN | Storage:          | 2°C ~ 8°C Protected from light and Sealed                                           |
| Molecular Weight:  | 121.11                           | Warning:          |  |

Chemical Structure:



| Test Items     | Method            | Results                      |
|----------------|-------------------|------------------------------|
| Appearance     | Visual inspection | Colourless Crystalline Solid |
| Identification | GCMS&HNMR         | Confirmed                    |
| Purity         | GC                | 99.714%                      |
| Water Content  | Karl Fischer      | 0.2408%                      |
| Assay          |                   | 99.5%                        |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity GC (\%)} / 100\%$

Water Content is considered as absolute effect, GC purity is considered as relative effect.

## Signature:

Prepared by:

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Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Aug 01, 2024

Date: Aug 02, 2024

Date: Aug 02, 2024

