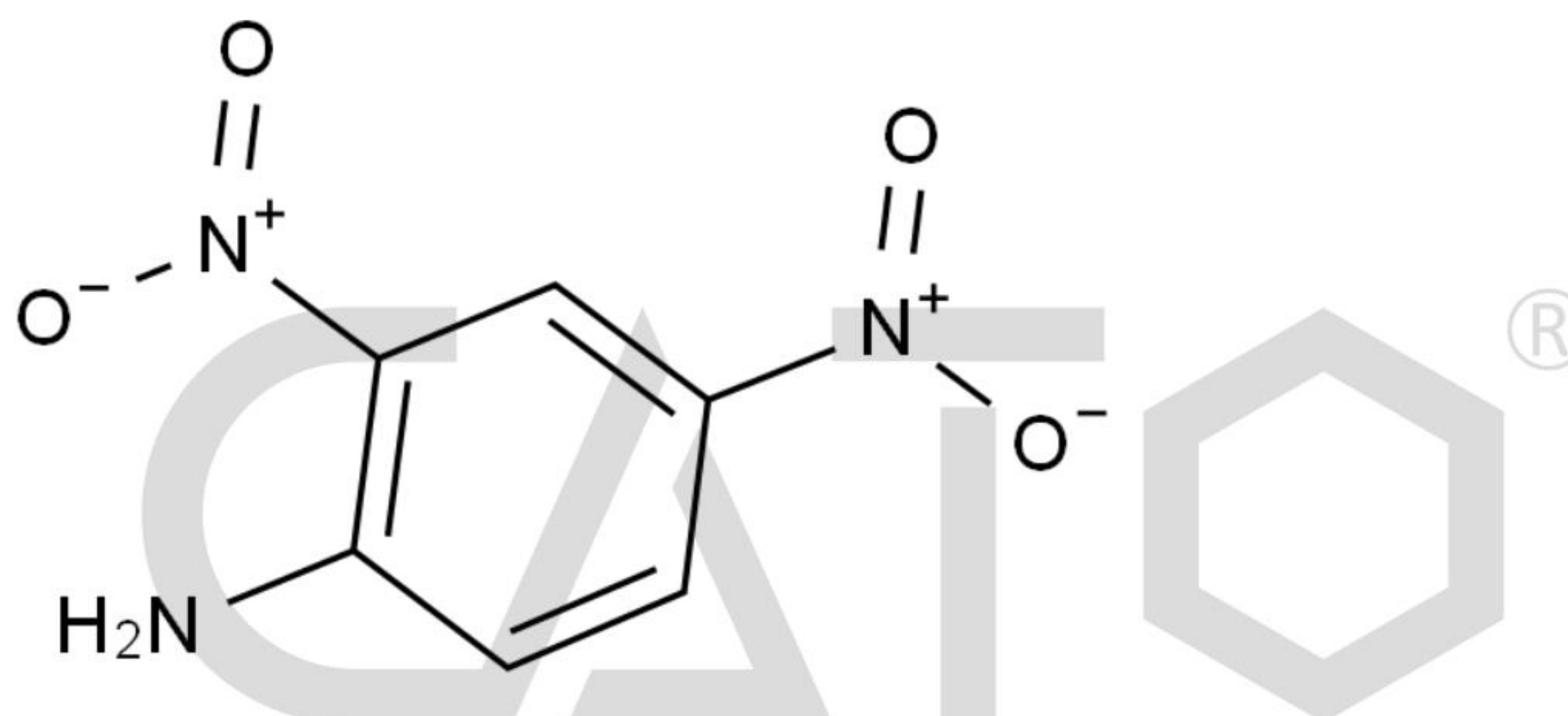


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                             |                            |                                           |
|---------------------------|-------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Indocyanine Green Impurity 15 (2,4-Dinitroaniline)          | <b>Catalogue Number:</b>   | C4X-250315                                |
| <b>Synonyms:</b>          | N/A                                                         | <b>Lot Number:</b>         | 0907-RH-0100                              |
| <b>CAS Number:</b>        | 97-02-9                                                     | <b>Expiry Date:</b>        | Sep 06, 2030                              |
| <b>Molecular Formula:</b> | C <sub>6</sub> H <sub>5</sub> N <sub>3</sub> O <sub>4</sub> | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 183.12                                                      | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

Chemical Structure:



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed    |
| Purity         | HPLC              | 100.000%     |
| Loss on Drying | TGA               | 0.1789%      |
| Assay          |                   | 99.8%        |

## Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Sep 07, 2026

Date: Sep 08, 2026

Date: Sep 08, 2026



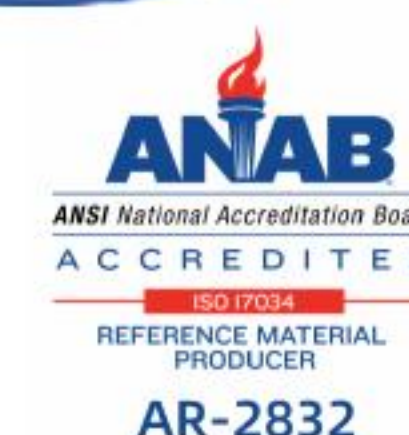
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