

Certificate of Analysis

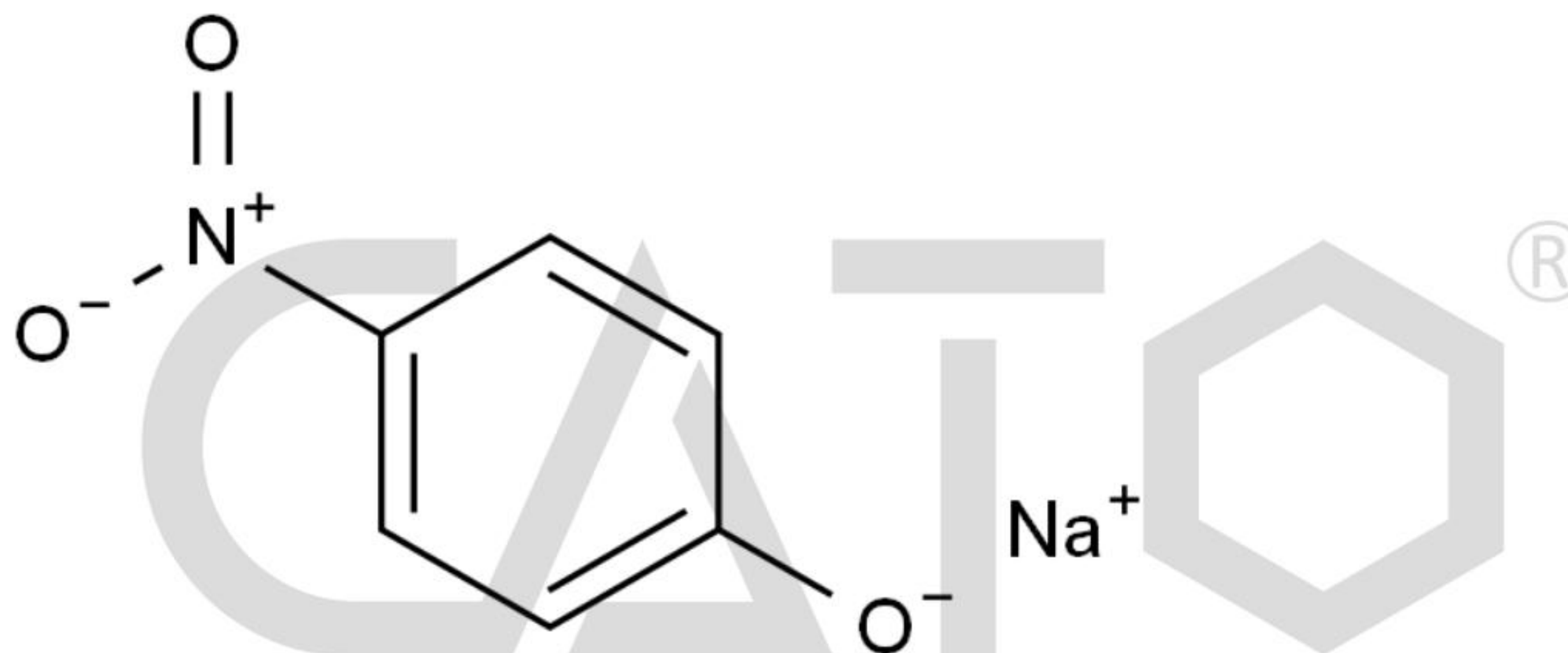
Reference Material & Standard

Product Name:	4-Nitrophenol Sodium Salt	Catalogue Number:	CWLT600573
Synonyms:	N/A	Lot Number:	0613-RD-0016
CAS Number:	824-78-2	Expiry Date:	Jun 16, 2028
Molecular Formula:	C ₆ H ₄ NO ₃ Na	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	138.10 22.99	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	16.6805%
Assay		83.3%
Uncertainty		±2.0%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

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

2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Debia

Reviewed by:

Xenia

Approved by General Manager:

David

Date: Jun 17, 2022

Date: Jun 20, 2022

Date: Jun 20, 2022



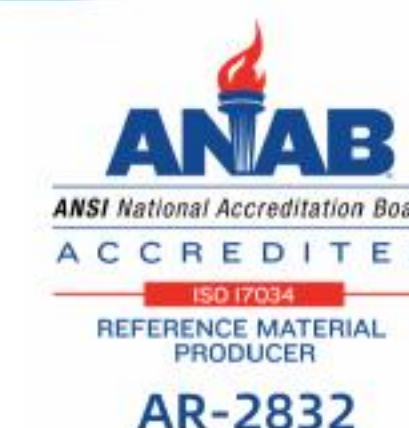
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