

Certificate of Analysis

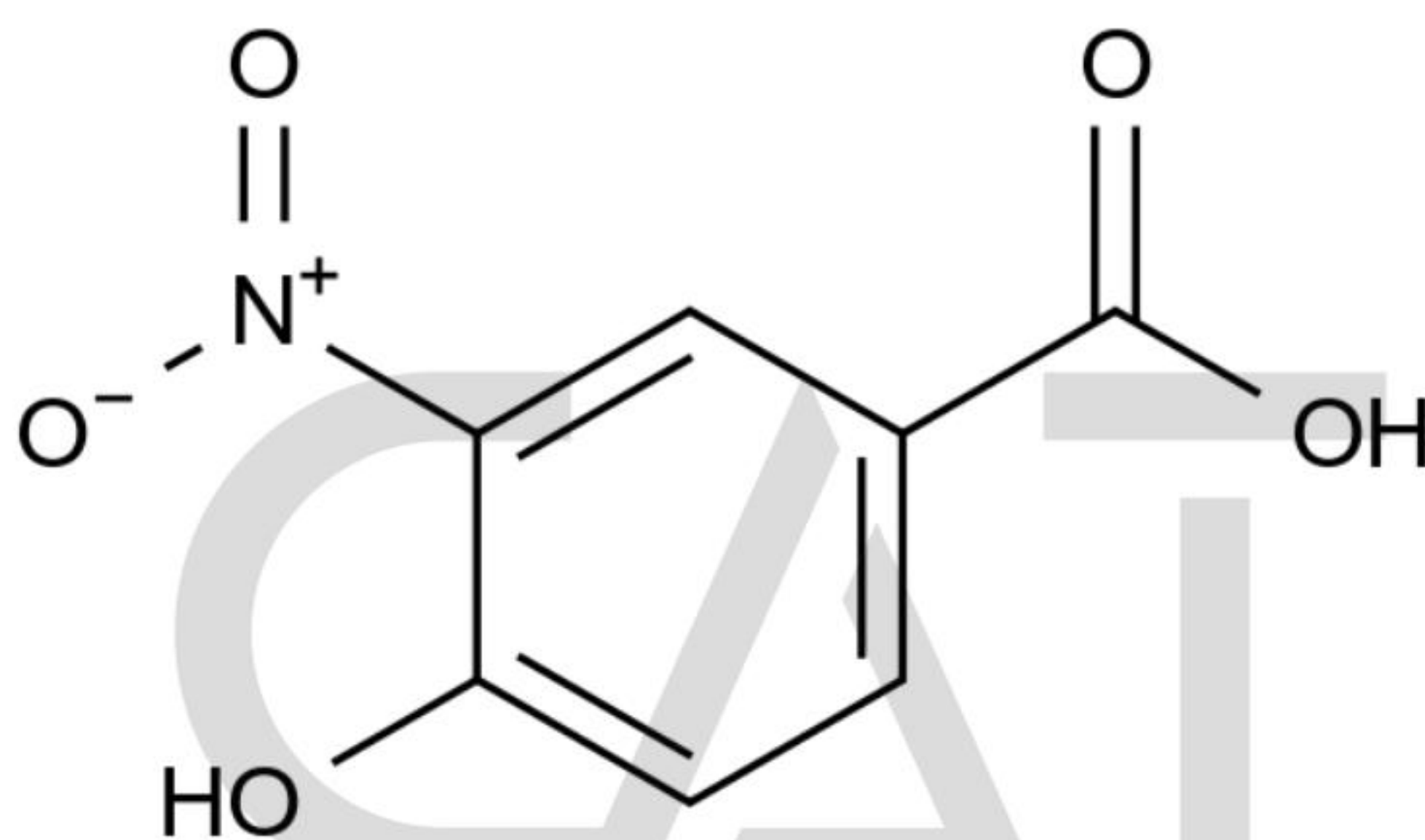
Reference Material & Standard

Product Name:	4-Hydroxy-3-nitrobenzoic acid	Catalogue Number:	C1922739
Synonyms:	N/A	Lot Number:	0727-RH-0116
CAS Number:	616-82-0	Expiry Date:	Jul 28, 2030
Molecular Formula:	C ₇ H ₅ NO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	183.12	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.0476%
Assay		99.95%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 29, 2026

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