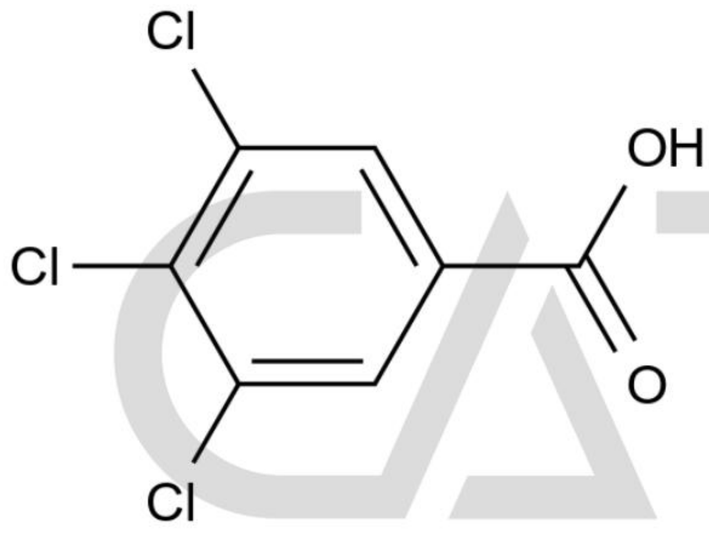
Certificate of Analysis

Reference Material & Standard

Product Name:	3,4,5-Trichlorobenzoic acid	**Catalogue Number:**	C1659732
Synonyms:	N/A	**Lot Number:**	0601-RH-0035
CAS Number:	51-39-8	**Expiry Date:**	Jun 01, 2030
Molecular Formula:	$C_7H_3Cl_3O_2$	**Storage:**	Room Temp Protected from light and Sealed
Molecular Weight:	225.46	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.168%
Water Content	Karl Fischer	0.1605%
Assay		99.0%

CATO Research Chemicals Inc.

Comment:

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.

Signature:

Prepared by: Alice Date: Jun 02, 2026

Reviewed by: Koi Date: Jun 03, 2026

Approved by General Manager: David Date: Jun 03, 2026