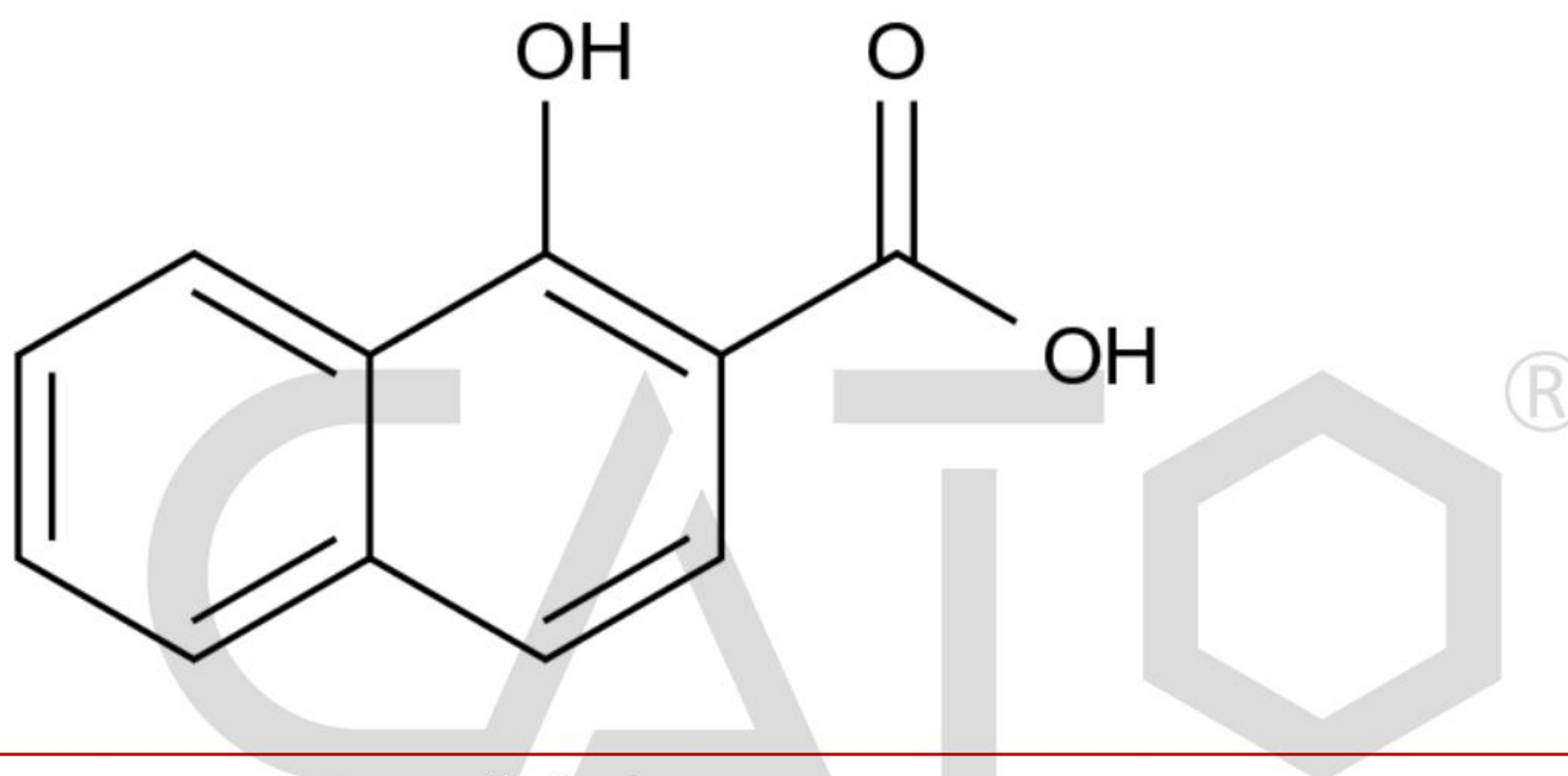


Certificate of Analysis

Reference Material & Standard

Product Name:	Salmeterol Impurity 13	Catalogue Number:	C4X-105013
Synonyms:	1-Hydroxy-2-naphthoic acid	Lot Number:	1119-RF-0002
CAS Number:	86-48-6	Expiry Date:	Nov 17, 2027
Molecular Formula:	C ₁₁ H ₈ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	188.18	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Grey Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.444%
Loss On Drying	TGA	0.0848%
Assay		99.4%

Comment:

The calculation of the 100% 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 19, 2024

Date: Nov 19, 2024

Date: Nov 19, 2024

