

Certificate of Analysis

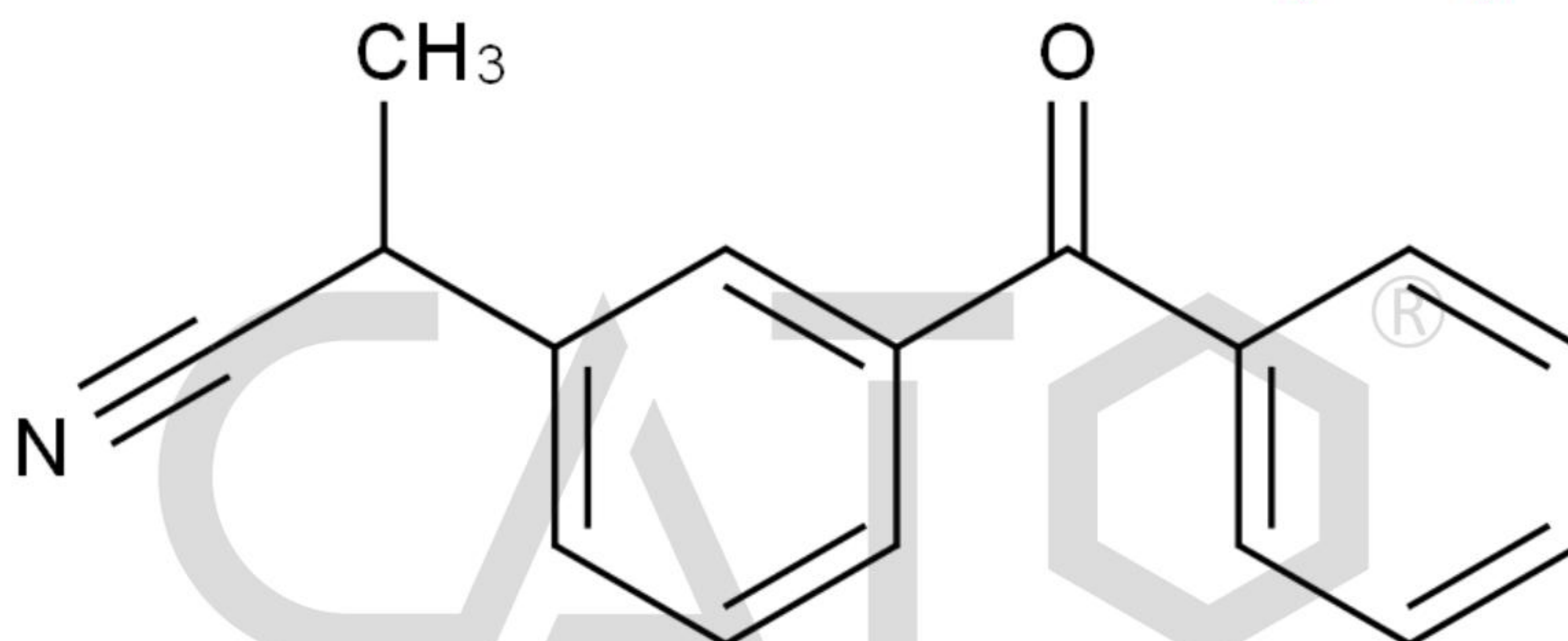
Reference Material & Standard

Product Name:	Ketoprofen EP Impurity F	Catalogue Number:	C4X-14716
Synonyms:	N/A	Lot Number:	0512-RE-0089
CAS Number:	42872-30-0	Expiry Date:	May 18, 2028
Molecular Formula:	C ₁₆ H ₁₃ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	235.28	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.0012%
Assay		100.0%

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:

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Date: Apr 07, 2026

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