



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number:	H825227	CAS Number:	254762-27-1
Product:	4'-Hydroxy Diclofenac-d4	Synonym:	2-[(2,6-Dichloro-4-hydroxyphenyl)amino](benzene-d4)acetic Acid;
Structure:		Molecular Formula:	C ₁₄ H ₇ D ₄ Cl ₂ NO ₃
		Molecular weight:	316.17
		Source of Product:	Synthetic
		Solubility:	DMSO (Slightly), Methanol (Slightly)
Lot Number:	3-GAC-59-3	Purity:	98%
Shipping Condition:	This Product Is Stable To Be Shipped At Room Temperature	Storage Condition:	-20°C

2. Warning

Warning 1: **Warning 2:** **Warning 3:**

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Pink to Purple Solid	Pale Red to Light Purple Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.48% (270 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.1%

Additional Information: Normalized Intensity: d0 = 0.01%, d1 = 0.01%, d2 = 0.12%, d3 = 7.11%, d4 = 92.75%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of \pm 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarjeet Kaur	Toni Rantanen	Chanell Chu	12/21/2023	12/19/2030