

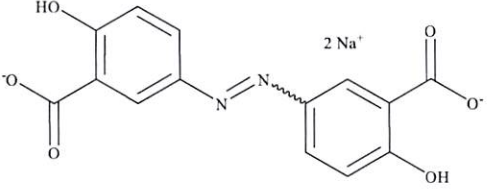
Certificate of Analysis

Certificate No.: 20250624002

Date: June 24, 2025



Retest date: June 10, 2028

Compound Name: Olsalazine Disodium Salt	
Synonyms:	5,5'-(diazene-1,2-diyl)bis(2-hydroxybenzoate), sodium salt (1:2)
TLC Catalogue Number:	O-221
CAS Number:	6054-98-4
Alternate CAS Number:	15722-48-2 (free acid)
Molecular Weight:	300.23 2*22.99
Molecular Formula:	C ₁₄ H ₈ N ₂ O ₆ . 2 Na
Source:	TLC Pharmaceutical Standards
Source Lot No.:	6823-029A3
Storage Conditions:	Hygroscopic, store at 2-8 °C
Solubility:	DMSO, Water



The chemical structure shows two 2-hydroxybenzoate rings connected by a diazene bridge (-N=N-). Each ring has a hydroxyl group (-OH) at the 2-position and a carboxylate group (-COO⁻) at the 1-position. Two sodium ions (2 Na⁺) are associated with the carboxylate groups.

Test Description	Specifications	Results
Visual Description	Yellow solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.7%
Impurity (HPLC)	RT 6.43, 0.12%	
Na% (IC)	13.3%	12.0%
Residual Solvents (NMR)	No residual solvent	
Assay (qNMR)	Not less than 85.0%	88.9%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/24/2025
Approved by:	Quality Assurance		06/24/2025

Attachments: Peak Attribution Table, HPLC, IR, MS and NMR spectra.