

# Certificate of Analysis

## Starch Indicator, 1% (w/v), Mercury Free, for Iodometric Titrations

**Lot Number:** 4405D31

**Product Number:** 8050

**Manufacture Date:** MAY 03, 2024

**Expiration Date:** APR 2026

This product is Mercury-free.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Salicylic Acid	69-72-7	ACS
Starch, soluble	9005-84-9	ACS

Test	Specification	Result
Appearance	White translucent liquid	Passed
Suitability for Use	Colorless (Iodine absent) - Blue (Iodine present)	Passed

Specification	Reference
Starch Solution	EPA (345.1)
Starch Solution	EPA (320.1)
Starch Indicator	EPA (330.1)
Starch Indicator	EPA (376.1)
Starch Indicator	EPA (330.3)
Starch indicator, 1%	TAPPI (T 622 cm-84)
Starch Indicator	EPA (330.2)
Starch Solution	EPA (360.2)
Starch Indicator Solution (10 g/L)	ASTM (E 200)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
8050-1	4 L natural poly	24 months

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)



Paul Brandon (05/03/2024)  
Production Manager

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.