

# Product Specification

## Barium Chloride TS/RS, 12% (w/v)

Lot Number: SAMPLE

Product Number: 854

Manufacture Date: N/A

Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Barium Chloride Dihydrate	10326-27-9	ACS

Test	Specification	Result
Appearance	Colorless liquid	N/A
Assay (by Refractive Index)	11.7-12.3 % (w/v)	N/A

Specification	Reference
Barium chloride, 120 g/1000 mL	TAPPI (T 613 cm-83)
Barium Chloride Solution (120 g/L BaCl <sub>2</sub> ·2H <sub>2</sub> O)	ASTM (E 200)
Barium Chloride Reagent Solution	ACS (N/A)
Barium Chloride TS	USP (N/A)

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)
854-32	1 L natural poly	24 months
854-5	20 L Cubitainer®	24 months
854-8	250 mL natural poly	24 months
854-1	4 L natural poly	24 months
854-16	500 mL natural poly	24 months

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

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."