Chemical Book

Technical Data Sheet

Cesium hydroxide

Compound Information

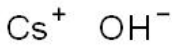
Product Name: Cesium hydroxide

CAS No.: 21351-79-1

Molecular Formula: CsHO

Molecular Weight: 149.91

Revision Date: 2026-04-15



Analytical Information

Tests	Specifications
Appearance	Colorless to light yellow liquid
Atomic Absorption	≤ 1000 ppm
Purity	99.90% (based on trace metals analysis by ICP and AA combined)
Purity (Titration)	47.0% - 53.0% CsOH (by HCL)
Purity (Titration)	≤ 2.5% Cs CO (by HCL)
Trace metal analysis	≤ 1000 ppm
Color	Colorless
Barium	3.3 ppm
Calcium	0.2 ppm
Lithium	0.2 ppm
Potassium	69.5 ppm
Rubidium	52.4 ppm
Sodium	31.4 ppm

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with anyother materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of thedate indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability orcompleteness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user'sresponsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.

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