LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Tricalcium Phosphate, FCC/USP Grade, Halal
Item Number: TCPGU
CAS#: 7758-87-4
Grade: USP/FCC
Lot Number: 5001471/7.1
Manufacture Date: 07/28/2025
Expiration Date: 06/28/2030
Country of Origin: United States

Tested Property	Specification	Analysis
Description	White, odorless, tasteless powder	Pass
Identification A: Reaction of Calcium Salts	To comply the test	Pass
Identification B: Reaction of Phosphates	To comply the test	Pass
Assay	34.0% - 40.0% of Calcium	36.67%
Solubility	Freely soluble in 3N hydrochloric acid and in 2N Nitric acid	Pass
	Practically insoluble in water; insoluble in alcohol	Pass
Water soluble substance	NMT 0.5%	0.08%
Acid insoluble substance	NMT 0.2%	0.12%
Chlorides	NMT 0.14%	<0.14%
Sulphates	NMT 0.8%	<0.8%
Carbonates	No effervescence is produced	Pass
Barium	No turbidity appears within 15 minutes	Pass
Nitrates	Blue color persists for NLT 5 minutes	Pass
Fluorides	NMT 75 ppm	<75
Heavy metals	NMT 0.003%	<0.003%
Lead	NMT 5 ppm	<5 ppm
Arsenic	NMT 3 ppm	<3 ppm
Dibasic salts and CaO	To comply the test	Pass
Loss on Ignition (LOI)	NMT 8.0%	3.48%
Bulk Density	0.45 to 0.66 g/mL	0.57 g/mL

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,
12501 Pauls Valley Road, Suite A, Austin, Texas 78737,
© copyright: 2026 Lab Alley

Store in a cool, dry, and well-ventilated environment.

Tricalcium Phosphate, FCC/USP Grade, Halal

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

This is an electronically generated document and is valid without a signature.

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,
12501 Pauls Valley Road, Suite A, Austin, Texas 78737,
© copyright: 2026 Lab Alley