



## Certificate of Analysis

### Calcium Chloride Dihydrate USP/FCC

**Catalog Number:** CC1007  
**Lot Number:** 0821701  
**CAS Number:** 10035-04-8  
**Molecular Formula:**  $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$   
**Formula Weight:** 147.01  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** March 18, 2017  
**Retest Date:** March 17, 2022

Test	Specification	Result
Appearance	White crystals to powder	Conforms
Assay (USP/FCC)	99.0% to 107.0%	99.64%
Identification (USP/FCC)	To pass test	Conforms
Solubility	Very soluble in boiling water, freely soluble in water	Conforms
Solubility (5%)	Clear & colorless	Dissolved immediately
pH (5% in H <sub>2</sub> O)	4.5 to 9.2	7.72
Heavy Metals (as Pb)	≤ 10ppm	< 10ppm
Arsenic	≤ 3mg/kg	< 3mg/kg
Fluoride	≤ 0.004%	< 0.004%
Lead	≤ 5mg/kg	3mg/kg
Iron, Aluminum, Phosphate	To pass test	Conforms
Magnesium & Alkali Salts	≤ 1.0%	0.44%
Residual Solvents: Only water was used during production and purification of the product.		

Approved by:

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Date: August 21, 2017