

Certificate of Analysis

Product Name	Diacerein	Botanical name	Aloe
Plant part	Leaves	Mfg. Date	2020.05.25
Batch No.	KN0320052501	Exp. Date	2022.05.24

Items	Specifications	Results
Appearance	Yellow crystalline powder	Complies
Color & Odor	Characteristic	Characteristic
Particle size	100% Pass 80 mesh	Complies
Solubility	Practically insoluble in water, soluble in dimethylacetamide, slightly soluble in tetrahydrofuran, practically insoluble in anhydrous ethanol	Complies
Identification by IR	The IR spectrum must exhibit maxima at the same wave numbers as the Diacerein working standards spectrum	Complies
Loss on drying	≤0.5%	0.42%
Related substance	Impurity C≤0.2%	0.12%
	Impurity D≤0.5%	0.36%
	Impurity E≤0.5%	0.33%
	Impurity F≤0.15%	0.15%
	Individual unspecified impurity≤0.1%	0.08%
	Total impurities≤2.0%	1.12%
Sulfated ash content	≤0.1%	0.05%
Solvents residue	Ethanol≤5000 ppm	3800 ppm
Bulk density	40~60g/100mL	56g/100mL
Assay (HPLC)	98%-102%	98.28%
Chromium, Cr PPM	≤10ppm	1.16%
Conclusion:	The product complies with EP 8.0.	