

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-08 11:43:50
 Date of Next Testing: 2029-06-07 11:43:50
 Product Name: **Sucralose granular**
 CAS Number: 56038-13-2
 Specifications & Purity: PharmPure™, ChP, Ph.Eur., JPE, NF, granular
 Lot #: GMF2602490
 SKU #: **S432919**
 Version: **2**
 Analysis #: **718051**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay (HPLC, calc. on anhydrous substance)	98-102 (%)	100.64000 %
Assay (HPLC, calc. on dried substance)(ChP)	98-102 (%)	100.64000 %
Assay (calc. on anhydrous substance) (JPE)	98-102 (%)	100.64000 %
Spec. Rotation [α] ₂₀ /D(calc. on anhydrous substance)(Ph Eur/JPE)	84-87.5 (°)	86.39123 °
Spec. Rotation [α] ₂₀ /D(calc. on anhydrous substance)(NF/ChP)	84-87.5 (°)	86.81125 °
Heavy metals(as Pb)	0-0.001 (%)	0.00000 %
Methanol(GC)	0-0.1 (%)	0.00407 %
Methanol(ChP)	0-0.1 (%)	0.00407 %
Cyclohexane	0-3880 (ppm)	1.00000 ppm
N,N-Dimethylformamide	0-880 (ppm)	0.00000 ppm
Acetic Acid	0-5000 (ppm)	0.00000 ppm
Ethyl acetate	0-5000 (ppm)	0.00000 ppm
Hydrolysis products	0-0.1 (%)	0.00000 %
Impurities H and I	0-0.1 (%)	0.00000 %
Monosaccharide-Chloride(as Fructose)	0-0.16 (%)	0.00000 %
Related substances (Ph Eur/ChP)	0-0.5 (%)	0.00000 %
Related substances (NF)	0-0.5 (%)	0.00000 %
Other Disaccharide-Chlorides	0-0.5 (%)	0.00000 %
Triphenylphosphine oxide	0-150 (ppm)	0.00000 ppm
Residue on Ignition	0-0.7 (%)	0.02000 %
Water by Karl Fischer	0-2 (%)	0.18080 %
Particle Size (d ₉₀)	≥80 (um)	80.00000 μm
Microbiological purity(Total aerobic microbial count(TAMC))	0-1000 (cfu/g)	35.00000 cfu/g
Microbiological purity(Total yeast and mould count(TYMC))	0-100 (cfu/g)	4.00000 cfu/g
Appearance of substance(description),granular powder	Pass	Pass

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Parameter

Appearance of substance(color)

Identity(HPLC)

Identity(TLC)

Identity (IR)

Identity(Spec. rotation(Ph Eur))

Appearance of solution(10%, water)

pH-Test(Decrease of 1 pH unit max.)

Other residual solvents(ICH Q3C)(excluded by production process)

Bile tolerant Gram negative Bacteria(absent in 1g)

Escherichia coli (absent in 1 g)

Pseudomonas aeruginosa (absent in 1 g)

Staphylococcus aureus (absent in 1 g)

Candida albicans (absent in 1 g)

Salmonella ssp(absent in 10 g)

Limit Values

Pass

Passes test

Passes test

passes test

Conforms

Conforms

Pass

Pass

Passes test

passes test

passes test

passes test

passes test

passes test

Result

Pass

Passes test

Passes test

Passes test

Conforms

Conforms

Pass

Pass

Passes test

Passes test

Passes test

Passes test

Passes test

Passes test



John Su
QA & QC Manager